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US-10-008-937-32
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/cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*
/cgn2_6/ptodata/2/pubpaa/USO6_NEW_PUB.pep:*
/cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*
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/cgn2_6/ptodata/2/pubpaa/USO9_NEW_PUB.pep:*
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/cgn2_6/ptodata/2/pubpaa/USO9_USEW_PUB.pep:*
/cgn2_6/ptodata/2/pubpaa/USO9_USEW_PUB.pep:*
/cgn2_6/ptodata/2/pubpaa/USO9_USEW_PUB.pep:*
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score greater than or equal to the score of the result beir
and is derived by analysis of the total score distribution.
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                GenCore version 5.1.4_p5_4578
Copyright (c) 1993 - 2003 Compugen Ltd.
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US-09-945-901-20
US-10-007-747-14
US-10-038-937-14
US-10-038-937-20
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US-10-007-747-2
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US-10-007-747-2
US-10-008-937-36
US-10-008-945-901-24
US-10-038-937-36
US-10-008-945-901-24
US-10-038-937-36
US-10-038-937-36
US-10-008-945-901-24
US-10-038-937-36
US-10-038-937-36
US-10-038-937-36
US-10-008-945-901-38
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Maximum Match 100%
Listing first 100 summaries
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 538; DB 9;
Pred. No. 5.3e-50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2; Mismatches
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APPLICATION NUMBER: 08/940,035
FILING DATE: <UNKNOWN>
FPLING LATE: <UNKNOWN>
FPLING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
                                                                                                                                                                                                                                                                                ADDRESSEE: Heller Ehrman White STREET: 4250 Executive Square,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 14, Application US/10007747
Patent No. US20020161193A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                            Sequence 20, Application US/09945901
Patent No. US20020161215A1
GENERAL INFORMATION:
                                                                                                                                 APPLICANT: Daggett, Lorrie P.
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TELEFAX: 619-238-0062
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Liaw, Chen W.
Lu, Chin-Chun
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98.2%;
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                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 63
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
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Best Local Similarity
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                                                         Sequence 3755, Ap
Sequence 11362, A
Sequence 11531, A
Sequence 11546, A
Sequence 224, App
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   Sequence 143, App
Sequence 143, App
Sequence 6447, Ap
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                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    99.1%; Score 538; DB 9; Length 922; 98.2%; Pred. No. 5.3e-50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
US-10-033-297-143
US-09-940-244-143
US-09-738-626-6447
US-09-738-626-3755
US-09-815-742-11362
US-09-815-242-11531
US-09-815-242-11546
US-09-9171-161A-224
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APPLICATION NUMBER: 08/940,035
FILING DATE: 40h known>
APLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2; Mismatches
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APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                         ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
                                                                                                                                                                                                                                                                                                                                    APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                              Sequence 14, Application US/09945901
Patent No. US20020161215A1
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   COMPUTER READABLE FORM:
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Matches 109; Conservative
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APPLICANT: Daggett, Lorrie P.
Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,937
FILING DATE: 18-Apr-2002
                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 538; DB 9;
Pred. No. 5.3e-50;
                                                                                                                                                                                                               FILING DATE: 07-Dec-2001

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,747
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MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
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TELEPHONE: (619) 450-8400
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (619) 450-8499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 922 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 20:
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98.2%;
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                         ZIP: 92037
COMPUTER READABLE FORM:
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COUNTRY: U.S.A.
ZIP: 92037
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Best Local Similarity
Matches 109; Conserv
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC Foundatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,747
FILING DATE: 07-Dec-2001
PRIOR APPLICATION DATA:
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ADDRESSE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla STATE: CA
                                                                                            ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
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MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
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                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
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Ellis, Steven B.
Liaw, Chen W.
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INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
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                                                                        CORRESPONDENCE ADDRESS:
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Matches 109; Conserv
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us-09-652-345-6.rapb

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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                    Length 922;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                  99.1%; Score 538; DB 9; 98.2%; Pred. No. 5.3e-50;
              6362-9383D
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                                                                                                                                                                                                                                                                                                                                                             2; Mismatches
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FILING DATE: <UNKNOWN>
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
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MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
                                  TELECOMMUNICATION INFORMATION:
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TELEPHONE: 619-238-0999
              REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
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                                                                                                 INFORMATION FOR SEQ ID NO: 20: SEQUENCE CHRACTERISTICS: LENGTH: 922 amino acidd TYPE: amino acid
                                                     TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
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Patent No. US20020161215A1
GENERAL INFORMATION:
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Liaw, Chen W.
Lu, Chin-Chun
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                                                                                                                                                                                                                                                                                                                                                                Conservative
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Matches 109; Conserv
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 922;
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 538; DB 9;
Pred. No. 5.3e-50;
2; Mismatches 0
CLASSIFICATION: CLASSIFICATION DATA:
    APPLICATION DATA:
    APPLICATION NUMBER: 08/35,105
    FILING DATE: 29-SEPT-97
    APPLICATION NUMBER: US 08/231,193
    FILING DATE: 20-APR-1994
    APPLICATION NUMBER: US 08/052,449
    FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33.779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/231,193
APPLICATION NUMBER: US 08/052,449
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TOPOLOGY: linear; MOLECULE TYPE: protein; SEQUENCE DESCRIPTION: SEQ ID NO: 14: US-10-038-937-14
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REGISTRATION NUMBER: 33,779
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; Sequence 20, Application US/10038937
; Publication No. US20030013866A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 922 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                          TELEPHONE: 619-238-0999
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98.2%;
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COMPUTER READABLE FORM:
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Best Local Similarity 98.2
Matches 109; Conservative
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COUNTRY: U.S.A.
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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
163 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAKELEARVIILS 222
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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                                            ASEDDAATVYRAAAMINMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
                                                                                                                                                                                                                                                                               Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 938;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 4250 Executive Square, 7th Floor
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Pred. No. 5.4e-50;
2; Mismatches 0;
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APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY_AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,937
FILING DATE: 18-Apr-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
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                                                                                                                                                                                                                                                           APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                              Sequence 2, Application US/10038937 Publication No. US20030013866A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 938 amino acids
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98.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                          La Jolla
                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE:
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US-09-945-901-22
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                                              61
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                                                                                                                                                      RESULT 9
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                                                                                                                                                      1 IILLVSDDHDGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                        Gaps
                                                                                                                                1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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                                                                                                                                                                                                                                     223 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 273
                                                                                                                                                                                                                 61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
                                         Length 938;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 938;
                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,747
FILING DATE: 07-Dec-2001
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    99.1%; Score 538; DB 9; I
98.2%; Pred. No. 5.4e-50;
iive 2; Mismatches 0;
                                         Score 538; DB 9;
Pred. No. 5.4e-50;
2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TOPOLOGY: linear

MOLECULE TYPE: protein

US-10-007-747-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 20-APR-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Daggett, Lorrie P. Ellis, Steven B. Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Seidman, Stephanie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application US/10007747 Patent No. US20020161193A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ELEFAX: (619) 450-8499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 938 amino acids
                                                                                   2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS
                                            99.1%;
98.2%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
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                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 92037
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                                            Query Match
Best Local Similarity
Matches 109; Conserv
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    US-09-945-901-2
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Matches 109;
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Sequence 22, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
Lu, Chin-chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 976;
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
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                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: US/10/007,747
FILING DATE: 07-Dec-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seldmanie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2; Mismatches
                                                                                                                                         COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 22:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 22:
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                                                                                                                      MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 976 amino acids
                                                                                                                                                                                                          CURRENT APPLICATION DATA:
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ZIP: 92037
COMPUTER READABLE FORM:
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                                                                      ZIP: 92037
COMPUTER READABLE FORM:
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                            TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 976;
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                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Heller Ehrman White & McAuliffe
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ADDRESSEE: Heller Ehrman White & McAuliff
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          99.1%; Score 538; DB 9;
98.2%; Pred. No. 5.7e-50;
tive 2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/940,035
FILING DATE: CURKhown>
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-ARR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-09-945-901-22
                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 22, Application US/10007747 Patent No. US20020161193A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 976 amino acids
                        APPLICANT: Daggett, Lorrie
                                           Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                         Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 22
                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 98.2
Matches 109; Conservative
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                                                                                                                                                                                                                                                                                                      U.S.A.
                                                                                                                                                                                                                                                        CITY: La Jolla
                                                                                                                                                                                                                                                                                                                         ZIP: 92037
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                   STATE: CA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-007-747-22
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                  21;
                                                                                                                                                                                                                                                                                                                         Length 943;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER INTERPRETATION TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
COMPUTER: TBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,747
FILING DATE: 07-Dec-2001
PRIOR APPLICATION NUMBER: US/09/648,797
FILING DATE: 29-APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                    Indels
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                                                                                                                                                                                                                                                                                                            Score 517.5; DB 9;
Pred. No. 9.1e-48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                        6362-9383E
                                                                                                                                                                                                                                                                                                                                                                      2; Mismatches
                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 4250 Executive Square,
                                                                                                                                                                                                                                                                                                                                                                                                              1 IILLVSDDHEGRAAQKRLETLLEERES----
                 REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
Stephanie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 36, Application US/10007747 Patent No. US20020161193A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       σ.
                                                                                     TELEPHONE: 619-238-0999
                                                                                                                                                                          LENGTH: 943 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Daggett, Lorrie
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                       ELEFAX: 619-238-0062
                                                                                                                                                                                                                                                                                                                            95.3%;
82.6%;
                                                                                                                           INFORMATION FOR SEQ ID NO: 36
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
ADDRESSEE: Heller
                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 82.6
Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100 APDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             283 APDGILGLOLIN 294
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-007-747-36
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                                                                                                                                                                                                                                                                                                                            Query Match
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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 538; DB 9; Length 976;
Pred. No. 5.7e-50;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                    NAME: Seldman, Stephanle
REGISTRATION NUMBER: 33.779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 08/940,035
FILING DATE: <Unknown>
APPLICATION NUMBER: 08 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                  FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: US/10/038,937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/945,901
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-10-038-937-22
                                                                              APPLICATION NUMBER: 08/935,105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
                    FILING DATE: 18-Apr-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 36, Application US/09945901
Patent No. US20020161215A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 976 amino acids
                                                                                                                                                                                                                                                                                                                            TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                           TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                99.18;
                                                              APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 99.1
Best Local Similarity 98.2
Matches 109; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A. ZIP: 92037
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                                                              PRIOR
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                               21;
                                                                                   Length 943;
                                                                                                                               Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 517.5; DB 9;
Pred. No. 9.3e-48;
2; Mismatches 0;
                                                                                     DB 9;
                                                                                 95.3%; Score 517.5; DB 9 82.6%; Pred. No. 9.1e-48; iive 2; Mismatches 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION NUMBER: 08/940,035
FILING DATE: «Unknown»
APPLICATION NUMBER: US/08/052,449
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 6362-9383E
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MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-09-945-901-24
) MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-10-038-937-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 33,779
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TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
                                                                                                                                                                         1 IILLVSDDHEGRAAQKRLETLLEERES --
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 24, Application US/09945901
Patent No. US2002016125A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 959 amino acids
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82.6%;
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COMPUTER READABLE FORM:
                                                                                     Query Match 95.3 Best Local Similarity 82.6 Matches 109; Conservative
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Best Local Similarity 82.6
Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                            100 APDGIIGLQLIN 111
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283 APDGILGLQLIN 294
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US-09-945-901-24
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                                                                                                                                                                                                                                                                                                                                                                                                                               223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 282
                                                                                                                                                                                                                                                                                                                                              ---KAEKVLQFDPGT 39
                                                                                                                                                                                                                                                                                                                                                                                                         40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNWTGSGYVWLVGEREISGNALRY 99
                                                                                                                                                                                                                                    Length 943;
                                                                                                                                                                                                                                                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,937
FILING DATE: 18-Apr-2002
CLASSIFICATION: <unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4426 Executive Square, 7th Floor
CITY: La Jolla
                                                                                                                                                                                                                                  Score 517.5; DB 9;
Pred. No. 9.1e-48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                              2; Mismatches
                                                                                                                                                                                                                                                                                                                      1 IILLVSDDHEGRAAQKRLETLLEERES------
                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
  TELEPHONE: (619) 450-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 36, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
APPLICANT: DagGett, Lorrie P.
Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 943 amino acids TYPE: amino acid
                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 943 amino acids
                     TELEFAX: (619) 450-8499 INFORMATION FOR SEQ ID NO: 36:
                                                                                                                                                                                                                                  95.3%;
82.6%;
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SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 63
                                                                                                           TYPE: amino acid
                                                                                                                                                                                                                                  Query Match 95.3:
Best Local Similarity 82.6:
Matches 109; Conservative
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283 APDGILGLOLIN 294
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COUNTRY: U
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US-10-038-937-36
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SAME AND USES THEREFOR SOBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 959;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ,3e-48;
0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APF-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APF-1993
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,937
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Pred. No. 9.3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 24:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 18-Apr-2002 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 IILLVSDDHEGRAAQKRLETLLEERES --
                                                                                                                                                                                                               Sequence 24, Application US/10038937
Publication No. US20030013866A1
                                                                                                                                                                                                                                                                     APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 959 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  95.3%;
82.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
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                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: La Jolla
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283 APDGILGLQLIN 294
                                                                           100 APDGIIGLQLIN 111
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Matches 109; Conserv
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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ij
                                                                                               223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 282
                   Gaps
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                                                                         40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 959;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 9;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPR-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APPL-1994
FILING DATE: 20-APPL-1994
FILING DATE: 20-APPL-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/10/007,747
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-007-747-24
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                                                                                                                                                                                                                                   RESULT 17
US-10-007-747-24
Sequence 24, Application US/10007747
Patent No. US20020161193A1
GENERAL INFORMATION:
HEAD APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 07-Dec-2001 PRIOR APPLICATION DATA:
1 IILLVSDDHEGRAAQKRLETLLEERES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      450-8499
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82.6%;
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INFORMATION FOR SEQ ID NO: 24.
SEQUENCE CHARACTERISTICS:
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COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 95.3
Best Local Similarity 82.6
Matches 109; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: USA
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283 APDGILGLQLIN 294
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TITLE OF INVENTION: HUMAN N-METHYL, D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
OPERATURG SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 07-Dec-2001
PRIOR APPLICATION DATA:
                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 9;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
FILING DATE: 20-APR-1994
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 24735-9383C TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 33,779
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
                                        Steven B.
                                      Ellis, Steven l
Liaw, Chen W.
Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 38
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: amino acid
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                                                                                                                                    NUMBER OF SEQUENCES:
                      APPLICANT: Daggett,
                                                                                                                                                                                                              CITY: La Jolla
                                                                                                                                                                                                                                                    USA
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  GENERAL INFORMATION:
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Best Local Similarity
Matches 109; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels 21;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 517.5; DB 9;
Pred. No. 9.8e-48;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/09/945,901
FILING DATE: 24 Jan-2001
CLASSIFICATION: <UNKNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/940,035
FILING DATE: <UNKNOWN>
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2; Mismatches
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MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-945-901-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
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US-10-007-747-38
Sequence 38, Application US/10007747
; Patent No. US20020161193A1
                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
                                                                                          Sequence 38, Application US/09945901
Patent No. US20020161215A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 997 amino acids TYPE: amino acid
                                                                                                                                                  APPLICANT: Daggett, Lorrie
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 95.3%;
Best Local Similarity 82.6%;
Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 38
                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A. ZIP: 92037
                                                                                                                                                                                                                                                                                                                                                 CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                283 APDGILGLOLIN 294
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                                                                          US-09-945-901-38
                                                          RESULT 19
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Sequence 32, Application US/10007147

Patent No. US20020161193A1

GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
Lu, Chin-Chun

TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8; Indels
                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
                                                                                                                                                                                                         APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSITICATION: <UNKnown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/940,035
FILING DATE: <UNKnown>
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 33,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 400; DB 9;
Pred. No. 4.4e-35;
8; Mismatches 8.
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APPLICATION NUMBER: US/10/007,747
                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TOPOLOGY: linear; MOLECULE TYPE: protein.; SEQUENCE DESCRIPTION: SEQ ID NO: 32: US-09-945-901-32
                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 854 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               73.78;
79.88;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
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COMPUTER READABLE FORM:
                                                               ZIP: 92037
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 79.8
Matches 87; Conservative
                                           U.S.A.
  CITY: La Jolla
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               USA
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                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 997;
                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                             ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 517.5; DB 9;
Pred. No. 9.8e-48;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 6362-9383D
                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,937
FILING DATE: 18-Apr-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-10-038-937-38
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 32, Application US/09945901
Patent No. US20020161215A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 997 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 619-238-0062 INFORMATION FOR SEQ ID NO: 38:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             95.3%;
82.6%;
                                                                                                                                                                                          COMPUTER READABLE FORM:
                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 82.6
Matches 109; Conservative
                     SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                COUNTRY: U.S.A.
                                                                                                      CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             283 APDGILGLOLIN 294
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Gaps

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Sequence 30, Application US/09945901
Patent No. US20020161215A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
Lu, Chin -Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                3,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     163 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAKELEARVIILS 222
                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                             1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                                                                                                                                                                                                                                                                                                                  9
                                                                                                                                                                                                                                                                                                                                                   Length 854;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                   Score 400; DB 9;
Pred. No. 4.4e-35;
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0062
TELEFAX: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/940,035
FILING DATE: <UNKNOWN>
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                              8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/945,901
                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 24-Jan-2001 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 854 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 619-238-0999
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                                                                                                                                         INFORMATION FOR SEQ ID NO: 32
                                                                                                                                                                                                                                                                                                                                                   73.78;
79.88;
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                                                                                                                                                                                                                                                                                                                                                                                                87; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: CA
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 854;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 73.7%; Score 400; DB 9; Length 85
79.8%; Pred. No. 4.4e-35;
Live 8; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
                                          APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                      NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97.

APPLICATION NUMBER: 08 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/10/038,937 FILING DATE: 18-Apr-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 32, Application US/10038937 Publication No. US20030013866A1 GENERAL INFORMATION:
  FILING DATE: 07-Dec-2001 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 854 amino acids
                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 32
                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.S.A. ZIP: 92037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 87; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-038-937-32
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223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                        61 ASEDDAATVYRAAAMINMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 30:
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                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                     Sequence 30, Application US/10038937 Publication No. US20030013866A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 619-238-0999
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ELEFAX: 619-238-0062
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                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 92037
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Matches 87; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY:
                                                                                                                                                                                                               US-10-038-937-30
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US-09-945-901-34
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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                 Gaps
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                                                                                  Length 870;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/10/007,747
FILING DATE: 077-Dec-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/648,797
FILING DATE: 29-409-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/221,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                      61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                              223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                  Score 400; DB 9; Length 87
Pred. No. 4.5e-35;
8; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUICATION INFORMATION:
TELEPBONE: (619) 450-8400
TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 30:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE DESCRIPTION: SEQ ID NO: 30: US-10-007-747-30
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 30:
                                                                                                                                                                                                                                                                                                                                                                                                Sequence 30, Application US/10007747; Patent No. US20020161193A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Daggett, Lorrie P. Ellis, Steven B. Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 870 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                    73.78;
79.88;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
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Matches 87; Conservative
                                                                                                                           87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: La Jolla
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 92037
                                                                                                         Best Local Similarity
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US-10-007-747-30
                                           US-09-945-901-30
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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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LU, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                73.7%; Score 400; DB 9; Length 870; 79.8%; Pred. No. 4.5e-35; Live 8; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              163 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAKELEARVIILS 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
  Heller Ehrman White & McAuliffe
                          Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         73.7%; Score 400; DB 9; L
79.8%; Pred. No. 4.8e-35;
iive 8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/10/007,747 FILING DATE: 07-Dec-2001 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (619) 450-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 34, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Seidman, Stephanie
                                                                                                                                                               MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         450-8499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 908 amino acids
                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (619) 450-6
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
                                                                                                                                        COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         87; Conservative
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STATE: CA
                                               CITY: La Jolla
                                                                                             COUNTRY: USA
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Best Local Similarity
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US-10-038-937-34
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                                                                                                                    LIGW, CHINC COUNT TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
OPERATURG SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 400; DB 9; L
Pred. No. 4.8e-35;
8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/940,035
FILING DATE: CUNKNOWN>
FULLING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-945-901-34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 34, Application US/10007747 Patent No. US20020161193A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
Lu, Chin-Chun
Sequence 34, Application US/09945901
Patent No. US20020161215A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
                                                                     APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 908 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
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Best Local Similarity 79.8%;
Matches 87; Conservative 8
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A. ZIP: 92037
                                                                                                                                                                                                                                                                                                     CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                               STATE: CA
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US-10-007-747-34
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APPLICANT: Dayyer, tere B.
BILLS, Steven B.
Liaw, Chen W.
Lu, Chin-Chun
LITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ---KAEKVLOFDPGT 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
                                                                                                                                                                                                                                                                                                                                                                                                          27;
                                                                                                                                                                                                                                                                                                                                                                  Length 777;
                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                   Score 379.5; DB 9;
Pred. No. 6.5e-33;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-AUG-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                 ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                          8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/10/007,747 FILING DATE: 07-Dec-2001 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 33,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 IILLVSDDHEGRAAOKRLETLLEERES--
  FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 16, Application US/10007747 Patent No. US20020161193A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Seidman, Stephanie
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                                                                                                                                                              INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 777 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                69.9%;
66.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 92037
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                          TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: La Jolla
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184 -KYA-DGVTG 191
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COUNTRY: U
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Best Local Similarity
Matches 87; Conserv
                                                                                                                                                                                                                                                                                                                      US-09-945-901-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     .,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        73.7%; Score 400; DB 9; Length 908; 79.8%; Pred. No. 4.8e-35;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      223 ASEDDAATVYRAAAMLNWTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                         NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                    PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: 08/940,035
FILING DATE: <U0known>
APPLICATION NUMBER: US 08/052,449
                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/945,901
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
                                                              FILING DATE: 18-Apr-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                 FILING DATE: 20-APR-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 16, Application US/09945901
Patent No. US20020161215A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 908 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
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Matches 87; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-945-901-16
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                      40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
                                                                                                                                                                           27;
                                                                                                                               Length 777;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 875;
                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 9;
                                                                                                                             Score 379.5; DB 9;
Pred. No. 6.5e-33;
8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Seidman, Stephanle
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/940,035
FILING DATE: «UNKNOWN»
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                69.9%; Score 379.5;
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO:
US-09-945-901-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 28, Application US/09945901
Patent No. US2002016125A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
Luw, Chen C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   619-238-0999
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 619-238-0062 INFORMATION FOR SEQ ID NO: 28:
                                                                                                                                 69.98;
66.98;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS
                                                                                                                                                     Best Local Similarity 66.9
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A. ZIP: 92037
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE:
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184 -KYA-DGVTG 191
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                                                                                        US-10-038-937-16
                                                                                                                                    Query Match
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Publication No. US20030013866A1

GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                              4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                     ---KAEKVLQFDPGT 39
                                                                                                                                                                                                                                                                                   Length 777;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UNBER: US/10/038,937
FILING DATE: 18-Apr-2002
CLASSIFICATION: <unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                   DB 9;
                                                                                                                                                                                                                                                                              69.9%; Score 379.5; DB 9 66.9%; Pred. No. 6.5e-33;
    REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                          8; Mismatches
                                                                                                                                              TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-007-747-16
                                         TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 777 amino acids
                                                                                                                                                                                                                                                                                                                                                                   1 IILLVSDDHEGRAAQKRLETLLEERES---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
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                            TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 777 amino acids
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                    Best_Local Similarity 66.9
Matches 87; Conservative
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184 -KYA-DGVTG 191
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
      96
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                                                                                   223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS-
                                                              KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 379.5; DB 9;
Pred. No. 7.6e-33;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/935,105
FILING DATE: 29-5EPT-97
APPLICATION NUMBER: 08 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 6362-9383D TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
RAPLICATION NUMBER: US/10/038,937
FILING DATE: 18-Apr-2002
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC COmpatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID, NO: 28:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 33,779
                                                                                                                                                                                                                                                                           Sequence 28, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Seidman, Stephanie
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Floppy disk
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SEQUENCE CHARACTERISTICS:
LENGTH: 875 amino acids
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66.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       87; Conservative
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282 -KYA-DGVTG 289
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Best Local Similarity
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US-10-038-937-28
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                        4;
                                                                                                                                                          223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS- 281
                                                                                 Gaps
                                                            ---KAEKVLQFDPGT 39
                                                                                                                                     KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
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                      Indels
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
  Pred. No. 7.6e-33;
}; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 379.5; DB 9;
Pred. No. 7.6e-33;
8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PAPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
FILING DATE: 20-APR-1994
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REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/10/007,747 FILING DATE: 07-Dec-2001 PRIOR APPLICATION DATA:
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MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 28:
                                                          1 IILLVSDDHEGRAAQKRLETLLEERES----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8400
                                                                                                                                                                                                                                                                                                                                                    Sequence 28, Application US/10007747
Patent No. US20020161193A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 875 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     69.9%;
66.9%;
  66.98;
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Best Local Similarity 66.9
Matches 87; Conservative
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Best Local Similarity
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282 -KYA-DGVTG 289
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APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Lidaw, Chen W.
Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS- 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
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                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IDAPPY disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,747
FILING DATE: 07-Dec-2001
PRIOR APPLICATION NUMBER: US/08/648,797
FILING DATE: 29-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/252,449
FILING DATE: 20-APR-1994
                                                                                                                                                                                                                                ADDRESSEE: Heller Bhrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 379.5; DB 9;
Pred. No. 7.7e-33;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 26:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 26:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     % Sequence 26, Application US/10038937 Sequence 26, Application US/030013866A1 GENERAL INFORMATION: APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
Sequence 26, Application US/10007747 Patent No. US20020161193A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 891 amino acids TYPE: amino acid
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66.9%;
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                                                                                                                                                                                             NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                                                                      ZIP: 92037
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282 -KYA-DGVTG 289
                                                                                                                                                                                                                                                                                               STATE: CA
COUNTRY: U
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Best Local Similarity
Matches 87; Conserv
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                                                                                                                                                                                                                                  Ellis, Steven B.
Liaw, Chen W.
Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBGUITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     27; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ----KAEKVLQFDPGT 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 379.5; DB 9;
Pred. No. 7.7e-33;
8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUTICATION INFORMATION:
TELEPHONE: 619-238-0999
TELEPHONE: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 IILLVSDDHEGRAAQKRLETLLEERES-------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 26:
15-09-945-901-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA: APPLICATION NUMBER: 08/940,035
                                                                                                                                               Sequence 26, Application US/09945901
Patent No. US20020161215A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                            APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NNCE CHARACTERISTICS:
LENGTH: 891 amino acids
TYPE: amino acid
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66.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 26
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                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 63
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Best Local Similarity 66.9
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                              U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: La Jolla
                          :|| ||: |
282 -KYA-DGVTG 289
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    97 LRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: CA
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US-10-007-747-26
                                                                                                                            US-09-945-901-26
                                                                                                        RESULT 37
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 929;
                                                                                                                                                                                                                             SOFTWARE: PatentIn Release #1.0, Version #1.25
      ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
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                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/940,035
FILING DATE: <UNKNOWN-
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REFERENCE/DOCKET NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      69.9%; Score 379.5; DB 9 66.9%; Pred. No. 8.2e-33;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 IILLVSDDHEGRAAQKRLETLLEERES------
                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
REPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <UNFOWN>
                                                                                                                                                                                COMPUTER: IBM PC COMPATIBLE OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-09-945-901-40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 40, Application US/10007747
Patent No. US20020161193A1
GENERAL INFORMATION:
                                                                                                                                                           MEDIUM TYPE: Floppy disk
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Ellis, Steven B.
Liaw, Chen W.
Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 929 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: 619-238-0999
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                                                                                                              ZIP: 92037
COMPUTER READABLE FORM:
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COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
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                                                                                            U.S.A.
                                                 CITY: La Jolla
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282 -KYA-DGVTG 289
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Best Local Similarity
Matches 87; Conserv
                                                                                              COUNTRY:
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Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Indels
                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                            ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      69.9%; Score 379.5; DB 9;
66.9%; Pred. No. 7.7e-33;
                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/10/038,937
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                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 18-Apr-2002
CLASSIFICATION: <Unknown>
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Patent No. US20020161215A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
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Ellis, Steven B.
Liaw, Chen W.
Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 891 amino acids
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COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
                                                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 69.99
Best Local Similarity 66.99
Matches 87; Conservative
                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                      U.S.A.
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282 -KYA-DGVTG 289
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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 929;
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
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OPERATING SYSTEM: PC_DOS/MS_DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 379.5; DB 9
Pred. No. 8.2e-33;
8; Mismatches 8
                                                                                                                                                                                                                        NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
                                                              APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1993
ATTOREST APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORESTAGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 40:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/940,035
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 IILLVSDDHEGRAAQKRLETLLEERES-----
                         CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 58, Application US/09945901
Patent No. US20020161215A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 929 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              69.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
                                                  PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 66.9°
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  97 LRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 92037
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ---KAEKVLQFDPGT 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels 27;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                  SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 379.5; DB 9;
Pred. No. 8.2e-33;
8; Mismatches 8;
                                                                                                       PRIOR APPLICATION NUMBER: US/10/007,747

FILING DATE: 07-Dec-2001

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/648,797

FILING DATE: 28-Aug-2000

APPLICATION NUMBER: US/08/940,086A

FILING DATE: 29-SEPT-97

APPLICATION NUMBER: US 08/231,193

FILING DATE: 20-APR-1994

APPLICATION NUMBER: US 08/052,449

FILING DATE: 20-APR-1993

ATTORNEY/AGENT: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                            NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/10/038,937
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 40:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 40, Application US/10038937 Publication No. US20030013866A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Daggett, Lorrie P. Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 929 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 40:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      69.9%;
66.9%;
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ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ouery Match 69.99
Best Local Similarity 66.9
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: La Jolla
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-KYA-DGVTG 289
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US-10-038-937-40
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Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                          33 LQFDPGTKNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREI 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 1336;
                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,937
FILING DATE: 18-Apr-2002
CLASSIFFCATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                 31;
                                                                                                                                                                                                           DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 9;
                                                                                                                                                                                                         Score 102.5; DB Pred. No. 0.014;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 6362-9383D
                                                                                                                                                                                                                                                   Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/935,105
FILING DATE: 29 SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 102.5;
                                                                                TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-10-007-747-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 58:
US-10-038-937-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
                INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
LENGTH: 1336 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 58, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Daggett, Lorrie P. Lu, Chin-Chun
    TELEFAX: (619) 450-8499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
                                                                                                                                                                                                                                                 14;
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                                                                                                                                                                                                         18.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    18.98;
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                                                                                                                                                                                                                                                 23; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U. ZIP: 92037
                                                                                                                                                                                                                                Similarity
                                                                                                                                                                                                                                                                                                                                                                          93 SGNALRYAP 101
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                                                                                                                                                                                                       Query Match
Best Local 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                         33 LQFDPGTKNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREI 92
                                                                                                                                                                                                                                                                                                                                                                          Length 1336;
                                                                                                                                                                                                                                                                                                                                                                                                              31; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                          DB 9;
                                                                                                                                                                                                                                                                                                                                                                      18.9%; Score 102.5; DB 33.3%; Pred. No. 0.014; Live 14; Mismatches :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                         NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0969
INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-AUG-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,747
FILING DATE: 07-Dec-2001
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                     MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 58:
S-09-945-901-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (619) 450-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 58, Application US/10007747
Patent No. US20020161193A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                            LENGTH: 1336 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
                                        ATTORNEY/AGENT INFORMATION:
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 33.38
Watches 23; Conservative
                                                                                                                                                                                                                                                 TYPE: amino acid
                                                                                                                                                                                                                                                                    TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
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us-09-652-345-6.rapb

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Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 1214;
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                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS:
ADDRESSE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
                                                                                                                                                                                                        ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        22;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APPL-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 15.7%; Score 85.5; DB Best Local Similarity 35.7%; Pred. No. 0.89; Matches 20; Conservative 11; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/10/007,747 FILING DATE: 07-Dec-2001 PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (619) 450-8400 (ELEFAX: (619) 450-8499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 54, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 1214 amino acids
  Patent No. US20020161193A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
                                                                   Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS
                                                                                                    Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 54
                                                                                                                                                                                                                                                                                                                ZIP: 92037
COMPUTER READABLE FORM:
                                                                                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                                                                                                                                             STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE: CA
                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 48
US-10-038-937-54
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                       1;
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                                                                                       Gaps
                                                            LQFDPGTKNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREI 92
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                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARRE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                     31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       15.7%; Score 85.5; DB 9; 35.7%; Pred. No. 0.89; tive 11; Mismatches 22;
  Pred. No. 0.014;
!; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 08/940,035
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGBNT INFORMATION:
NAME: Seidman, Stephanie
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MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 54:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS:
LENGTH: 1214 amino acids
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US-10-007-747-54
: Sequence 54, Application US/10007747
                                                                                                                                                                                                                                                                                            Sequence 54, Application US/09945901 Patent No. US20020161215A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
Lu, Chln-Chun
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TELEFAX: 619-238-0062
  ilarity 33.3%; Pr
Conservative 14;
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ZIP: 92037
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 63
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Best Local Similarity
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                                                                                                                                                                                                                                                   RESULT 46
US-09-945-901-54
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Best Local Simi
Matches 20;
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                     Matches
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REFERENCE/DOCKET NUMBER: 24735-9383C
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REGISTRATION NUMBER: 33,779
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TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 50:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Daggett, Lorrie P. Ellis, Steven B. Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                    LENGTH: 1219 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
                                                ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                             TYPE: amino acid
                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: La Jolla
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ZIP: 92037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-007-747-50
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 1214;
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                                                                  COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                        APPLICATION NUMBER: US/10/038,937
FILING DATE: 18-Apr-2002
CLASSIFICATION: <UNKNOWN>
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FILING DATE: 24-Jan-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-10-038-937-54
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Ellis, Steven B.
Liaw, Chen W.
Lu, Chin-Chun
                                                MEDIUM TYPE: Floppy disk
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ZIP: 92037
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
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Matches 20; Conservative
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     33 LQFDPGTKNV-TALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLV 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 1219;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            22; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
RAPLICATION NUMBER: US/10/007,747
FILING DATE: 07-Dec-2001
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 85.5; DB 9;
Pred. No. 0.89;
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FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
                                                                                                             NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUICATION INFORMATION:
TELEPHONE: 619-238-0999
TELEFROME: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 15.7%; Score 85.5; D
Best Local Similarity 35.7%; Pred. No. 0.89
Matches 20; Conservative 11; Mismatches
FILING DATE: CUNKNOWN>
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
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; SEQUENCE DESCRIPTION: SEQ ID NO: 50:
US-09-945-901-50
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LU, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         201 LELDPGGPRARTQRLL--RQLDAPVFVAYCSREEAEVLFAEAAQAGLVGPGHVWLV 254
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/940,035
FILING DATE: <UNKNOWN-
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seldman, Stephanie
RAGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      15.7%; Score 85.5; Di
35.7%; Pred. No. 0.9;
tive 11; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TOPOLOGY: linear; MOLECULE TYPE: protein; SEQUENCE DESCRIPTION: SEQ ID NO: 48: US-09-945-901-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 48, Application US/10007747
Patent No. US20020161193A1
GENERAL INFORMATION:
                                                                 Sequence 48, Application US/09945901
Patent No. US20020161215A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
                                                                                                                                     APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                            Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Lu, Chin-Chun
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                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 92037
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 6:
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                     CITY: La Jolla
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Matches 20; Conserve
                                                                                                                                                                                                                                                                                                                                                                                          STATE: CA
                         RESULT 52
US-09-945-901-48
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                                                                                                                                                                                                         ;;
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                                                                                                                                                                                                                                                   33 LQFDPGTKNV-TALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLV 87
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                                                                                                                                                            Length 1219;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
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ilarity 35.7%; Pred. No. 0.89;
Conservative 11; Mismatches 22;
                                                                                                                                                              DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Seidman, Stephanie REGISTRATION NUMBER: 33.779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
                                                                                                                                                       15.7%; Score 85.5; DB
llarity 35.7%; Pred. No. 0.89;
Conservative 11; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/935,105
FILING DATE: 29-5EPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/10/038,937
                              TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 50:
US-10-007-747-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE DESCRIPTION: SEQ ID NO: 50: US-10-038-937-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 18-Apr-2002 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 50, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 1219 amino acids
LENGTH: 1219 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Chin'-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: protein
                         TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
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                                                                                                                                                          Query Match
Best Local Similarity
Matches 20; Conserv
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Best Local Similarity
Matches 20; Conserv
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LU, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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COMPUTEN: IBM PC COMPATING
OPERATING SYSTEM: PC DOS/ANS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 85.5; DB 9;
Pred. No. 0.9;
                                                                                                                                                                           NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 1231 amino acids
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NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION INFORMATION:
                   APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            11; Mismatches
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APPLICATION NUMBER: 08/940,035
FILING DATE: «Unknown»
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
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APPLICATION NUMBER: US/09/945,901
                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 48:
US-10-038-937-48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 4250 Executive Square, CITY: La Jolla
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CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-945-901-6; Sequence 6, Application US/09945901; Patent No. US20020161215A1; GENERAL INFORMATION:
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TELEFAX: 619-238-0062
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Ellis, Steven B.
Liaw, Chen W.
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Best Local Similarity 35.7%;
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    PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STATE: CA
COUNTRY: U.S.A.
ZIP: 92037
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APPLICATION NUMBER: US/10/007,747

APPLICATION NUMBER: US/10/007,747

FILING DATE: 07-Dec-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/648,797

FILING DATE: 28-Aug-2000

APPLICATION NUMBER: US/08/940,086A

FILING DATE: 29-SEPT-97

APPLICATION NUMBER: US/08/31,193

FILING DATE: 20-APR-1994

APPLICATION NUMBER: US 08/052,449

FILING DATE: 20-APR-1994

APPLICATION NUMBER: US 08/052,449

FILING DATE: 20-APR-1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 4250 Executive Square, 7th Floor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/10/038,937
FILING DATE: 18-Apr-2002
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 48:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Seidman, Stephanie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 48, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                       MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 1231 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 48:
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                                                                                                               COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best_Local Similarity 35.79
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: La Jolla
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US-10-038-937-48
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                             33 LQFDPGTKNV-TALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLV 87
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/10/038,937
FILING DATE: 18-Apr-2002
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
02-10-038-937-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
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Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                      Sequence 6, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                 Lu, Chin-Chun
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                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE:
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                                                                                                                               US-10-038-937-6
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                       33 LQFDPGTKNV-TALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLV 87
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                                                                                                                                                                            Length 1236;
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         22;
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; Pred. No. 0.91;
11; Mismatches 22;
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FILING DATE: 28-AUG-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
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REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                        Score 85.5; DB Pred. No. 0.91; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,747
FILING DATE: 07-Dec-2001
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-10-007-747-6
                                                                                    MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
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                      LENGTH: 1236 amino acids
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Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6, Application US/10007747 Patent No. US20020161193A1 GENERAL INFORMATION:
                                                                                                                                                                                                                   11;
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35.78;
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                      Query Match
Best Local Similarity 35.7%;
Matches 20; Conservative 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
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Best Local Similarity 35.7%
Matches 20; Conservative
                                           TYPE: amino acid
                                                               TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: USA
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US-10-038-937-52
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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               5;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             22; Indels
                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
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                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15.7%; Score 85.5; DB 35.7%; Pred. No. 0.91;
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APPLICATION NUMBER: 08/940,035
FILING DATE: CUBKNOWN>
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 52:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 1239 amino acids
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Sequence 52, Application US/10007747
Patent No. US20020161193A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: 619-238-0999
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                                                                                                                                                                                              COMPUTER READABLE FORM:
                    NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 63
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: amino acid
                                                                                                                                                 COUNTRY: U.S.A. ZIP: 92037
                                                                                                          CITY: La Jolla
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ZIP: 92037
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Best Local Similarity
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SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 1239;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           22; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.25
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ADDRESSEE: Heller Bhrman White & McAuliffe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 9;
               FILING DATE: 07-Dec-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                            NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  $; Score 85.5; DB
$; Pred. No. 0.91;
11; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
US/10/007,747
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,937
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ) MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 52:
US-10-007-747-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 18-Apr-2002 CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 52, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 1239 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 20-APR-1993
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                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (619) 450-8499 INFORMATION FOR SEQ ID NO: 52:
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35.7%;
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Best Local Similarity 35.7%
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A. ZIP: 92037
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: CA
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33 LQFDPGTKNV-TALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLV
                                                                                                                                                                                                APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (619) 450-8499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                  CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                     S
                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 92037
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                                                                                                                           US-10-007-747-46
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 63
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                       3
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                                                                                                                                                                                                                                                                                                              33 LQFDPGTKNV-TALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLV 87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3;
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                                                                                                                                                                                                                    Length 1239;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              22; Indels
                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                      22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 85.5; DB 9;
Pred. No. 0.92;
                                                                                                                                                                                                                    DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
                                                                                                                                                                                                                  15.7%; Score 85.5; DB 35.7%; Pred. No. 0.91;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11; Mismatches
                                                                                                                                                                                                                                                      11; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: 08/940,035
FILING DATE: <URknown>
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <uni
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SEQUENCE DESCRIPTION: SEQ ID NO: 46:
                                                                                                                 TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 52:
US-10-038-937-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
                                                                                         LENGTH: 1239 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 46, Application US/09945901
Patent No. US20020161215A1
GENERAL INFORMATION:
TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 1244 amino acids
                  TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: 619-238-0999
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                                                    INFORMATION FOR SEQ ID NO: 52: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            15.7%;
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Best Local Similarity 35.78
Matches 20; Conservative
                                                                                                          TYPE: amino acid
                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ropology: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
ZIP: 92037
                                                                                                                                                                                                                                   Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: CA
                                                                                                                                                                                                                                                                                                                                                                               RESULT 61
US-09-945-901-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-945-901-46
                                                                                                                                                                                                                                                       20;
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                                                                                                                                                                                                                                                    Matches
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Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 1244;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC compatible
COMPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,747
                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           h 15.7%; Score 85.5; DB 9; Similarity 35.7%; Pred. No. 0.92; 20; Conservative 11; Mismatches 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 46:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (619) 450-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 20-APR-1993 ATTORNEY/AGENT INFORMATION:
Sequence 46, Application US/10007747 Patent No. US20020161193A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 07-Dec-2001 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 1244 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 46, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
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18 LETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILSASEDDAATVYRAAAMLN 77
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NY: EXPRESSED IN BRAIN, SIGNAL = 2.9

NY: EXPRESSED IN HEART, SIGNAL = 2.9

NY: EXPRESSED IN PLACENTA, SIGNAL = 2.2

NY: EXPRESSED IN HELA, SIGNAL = 2.6

NY: EXPRESSED IN HELA, SIGNAL = 2.5

NY: EXPRESSED IN HELA, SIGNAL = 2.5

NY: EXPRESSED IN HELA, SIGNAL = 2.4

NY: EXPRESSED IN HELA, SIGNAL = 2.4

NY: EXPRESSED IN HEL100, SIGNAL = 2.4

NY: EXPRESSED IN BONE MARROW, SIGNAL = 2.8

NY: EXPRESSED IN BONE MARROW, SIGNAL = 2.8

NY: EXPRESSED IN BONE MARROW, SIGNAL = 2.8

NY: EXPRESSED IN BONE MARROW, SIGNAL = 3.8

NY: EXPRESSED IN BONE MARROW, SIGNAL = 2.8

NY: EXPRESSED IN BONE MARROW, SIGNAL = 2.8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
                                             PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/234,687
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Patent No. US20020161215A1
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 49117
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Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo sapiens
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: E
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112 LTGYGYTWIV 121
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION:
OTHER INFORMATION:
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INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-864-761-33916
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Patent No. US20020048763A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Rank, David R.
APPLICANT: Rank, David R.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
FILE REFERENCE: Acomica-X-1
Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                             ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 33.779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,937
FILING DATE: 18-Apr-2002
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PELICATION NUMBER: US 60/207,456
PRIOR PELICATION NUMBER: US 09/632,366
PRIOR PELICATION NUMBER: US 09/632,366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 46:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: GB 24263.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Seidman, Stephanie
                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
                                                                                                                                                                           CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20; Conservative
                                                                                                                                                                                                                                                                                         CITY: La Jolla
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 64
US-09-864-761-33916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-038-937-46
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APPLICANT: Daggett, Lorrie P.
Lu, Chin-Chun
Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18 LETILLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILSASEDDAATVYRAAAMLN 77
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                 COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Heller Bhrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
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                                                                                                                                                                                                            APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20; Mismatches
                                                                                                                                           APPLICATION NUMBER: US/10/007,747 FILING DATE: 07-Dec-2001 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/038,937
FILING DATE: 18-Apr-2002
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 56:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14.9%; Score 81; 22.9%; Pred. No. 3
                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 56, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 56:
                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
                                                                                                                       CURRENT APPLICATION DATA:
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COMPUTER READABLE FORM:
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Best Local Similarity 22.9%
Matches 16; Conservative
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249 LTGYGYTWIV 258
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Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14.9%; Score 81; DB 9; Length 1484; 22.9%; Pred. No. 3.6; tive 20; Mismatches 18; Indels
                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
                                                                                                                       ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE APPLICATION NUMBER: 08/940,035
FILING DATE: CUNKNOWN>
APPLICATION NUMBER: 0S 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephaniae
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/09/945,901
FILING DATE: 24-Jan-2001
CLASSIFICATION: <UNKNOWN>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 56:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 1484 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 56, Application US/10007747 Patent No. US20020161193A1 GENERAL INFORMATION:
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Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
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SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                       ZIP: 92037
COMPUTER READABLE FORM:
                                                                          SEQUENCES: 63
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Best Local Similarity 22.9%
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                        U.S.A.
                                                                                                                                                                    CITY: La Jolla
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STATE: CA
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ZIP: 92037
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249 LTGYGYTWIV 258
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US-10-007-747-56
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                        217 VQLKKIHSSVILLXCSKDEAVLILSEARSLGLTGYDFFWIVPSL-VSGNTELIPKEFPSG 275
                                                                                                                                                                                                                                                   14.4%; Score 78; DB 9; Length 1464; 28.1%; Pred. No. 7.4; tive 17; Mismatches 25; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
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FILING DATE: 28-Aug-2000

APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97

APPLICATION NUMBER: US 08/231,193

FILING DATE: 20-APR-1994

APPLICATION NUMBER: US 08/52,449

FILING DATE: 20-APR-1993

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/007,747
                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
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TELEFAX: (619) 450-8499
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 11, Application US/10007747 Patent No. US20020161193A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Seidman, Stephanie
                                                                                          LENGTH: 1464 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 07-Dec-2001 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Daggett, Lorrie P.
  TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Ellis, Steven B.
Liaw, Chen W.
                       TELEFAX: 619-238-0062 INFORMATION FOR SEQ ID NO: 11: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS
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INFORMATION FOR SEQ ID NO: 11
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COMPUTER READABLE FORM:
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Best Local Similarity 28.1%
Matches 18; Conservative
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                                                                                                                     TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE:
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276 LISV 279
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US-10-007-747-11
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAulliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
                FILING DATE: 29-SEPT-97

PILING DATE: 29-SEPT-97

FILING DATE: 20-ARF-1994

APPLICATION NUMBER: US 08/231,193

FILING DATE: 20-ARF-1993

ATORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie

REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 6362-9383D

TELECOMMUNICATION INFORMATION:

TELEPHONE: 619-238-0999

TELEPHONE: 619-238-0999

TELEPHONE: 619-238-0962

INFORMATION FOR SEQ. ID NO: 56:

SEQUENCE CHARACTERISTICS:
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REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION INFORMATION:
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FILING DATE: <UNKNOWN>
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
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FILING DATE: 24-Jan-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: linear; MOLECULE TYPE: protein; SEQUENCE DESCRIPTION: SEQ ID NO: 56: US-10-038-937-56
APPLICATION NUMBER: 08/935,105
                                                                                                                                                                                                                                                                                                                                           LENGTH: 1484 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 11, Application US/09945901
Patent No. US20020161215A1
GENERAL INFORMATION:
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Liaw, Chen W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
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Best Local Similarity 22.9
Matches 16; Conservative
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ZIP: 92037
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249 LTGYGYTWIV 258
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APPLICANT: Harris, H. William
APPLICANT: Harris, H. William
APPLICANT: Harris, Jacqueline A.
APPLICANT: Betra, Mariles
TITLE OF INVENTION: Polyvalent Cation-Sensing Receptor in Atlantic Salmon FILE REFERENCE: 2213.1006-007
GURRENT APPLICATION NUMBER: US/10/125,792
CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: 10/121,441
PRIOR APPLICATION NUMBER: PCT/US01/31704
PRIOR APPLICATION NUMBER: 60/240,392
PRIOR RILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 60/240,392
PRIOR FILING DATE: 2000-10-12
PRIOR FILING DATE: 2000-10-12
PRIOR FILING DATE: 2000-10-12
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APPLICANT: Harris, H. William
APPLICANT: Harris, H. William
APPLICANT: Betka, Marlies
APPLICANT: Betka, Marlies
TITLE OF INVENTION: Polyvalent Cation-Sensing Receptor in Atlantic Salmon
FILE REFERENCE: 2213.1006-007
CURRENT APPLICATION NUMBER: US/10/125,792
CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: PCT/US01/31704
PRIOR FILING DATE: 2001-10-11
PRIOR FILING DATE: 2000-10-12
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  :| : ||| || :: | :|||: || :|| || 209 VIAVASDDEYGRPGIEKFEKEMEERDICIHLSELISQYFEEWQ-IQGLVDRIENSSAKVI 267
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Best Local Similarity 26.1%; Pred. No. 5.9;
Matches 24; Conservative 19; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    58 ILSASEDDAATVYRAAAMLNMTGSGYVWLVGE 89
                                                                                                                                                                                           Sequence 12, Application US/10125792 Publication No. US20030051269A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 8, Application US/10125792
Publication No. US20030051269A1
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
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US-10-125-792-12
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APPLICANT: MariCal
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                                                                  276 LISV 279
                  104 IIGL 107
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US-10-125-792-8
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                                                                                                                                                                                                                           217 VQLKKIHSSVILLYCSKDEAVLILSEARSLGLTGYDFFWIVPSL-VSGNTELIPKEFPSG 275
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  217 VQLKKIHSSVILLYCSKDEAVLILSEARSLGLTGYDFFWIVPSL-VSGNTELIPKEFPSG 275
                                                                                                                                                                                              47 MEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNA---LRYAPDG 103
                                                                                                                                              Gaps
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           14 4%; Score 78; DB 9; Length 1464; llarity 28.1%; Pred. No. 7.4; Conservative 17; Mismatches 25: Indels
                                                                                         Score 78; DB 9; Length 1464; Pred. No. 7.4;
                                                                                                                                              25; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
                                                                                                                                            17; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 08/935,105
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-ARR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/038,937
FILING DATE: 18-ADT-2002
CLASSIFICATION: <Unknown>
; SEQUENCE DESCRIPTION: SEQ ID NO: 11: US-10-007-747-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 11, Application US/10038937
Publication No. US20030013866A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 1464 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
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SEQUENCE CHARACTERISTICS:
                                                                                         Query Match
Best Local Similarity 28.1%;
Matches 18; Conservative 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acid
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Best Local Similarity
Matches 18; Conserv
                                                                                                                                                                                                                                                                                                                                                  276 LISV 279
                                                                                                                                                                                                                                                                                                104 IIGL 107
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ORGANISM: Rattus
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Betta, Maries
APPLICANT: Betta, Maries
APPLICANT: Betta, Maries
TITLE OF INVENTION: Polyvalent Cation-Sensing Receptor in Atlantic Salmon
FILE REFERENCE: 2213.1006-007
CURRENT APPLICATION NUMBER: US/10/125,792
CURRENT FILING DATE: 2002-08-16
PRIOR PRICATION NUMBER: 10/121,441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/10096144
Publication No. US20030022288A1
Publication No. US20030022288A1
Publication No. US20030022288A1
Publication No. US20030022288A1
APPLICANT: Adler, Jon Elliot
APPLICANT: Indemeier, Juergen
APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor
TITLE OF INVENTION: Involved in Sensory Transduction
FILE REFERENCE: 02307E-0897200S
CURRENT APPLICATION NUMBER: 2002-03-08
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/361,631
                                                                                                                                                                                     :| : || || :: | :| || :| 209 VIAVASDDEYGRPGIEKEKEKEREERDICIHLSELISQYFEEWQ-IQGLVDRIENSSAKVI 267
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                         1 IILLVSDDHEGRAAQKRLETILEERE---SKAEKVLQFDPGTKNVTALLMEARELEARVI 57
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                                                                 14.0%; Score 76; DB 9; Length 941; 26.1%; Pred. No. 6.8; ive 19; Mismatches 43; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 941;
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                                                                                                                                                                                                                                                                                            268 VVFASGPDIEPLIKEMVRRNITDR--IWLASE 297
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          58 ILSASEDDAATVYRAAAMLNMTGSGYVWLVGE 89
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: PCT/USO1/31704
PRIOR FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 60/240,392
PRIOR FILING DATE: 2000-10-12
PRIOR APPLICATION NUMBER: 60/240,003
PRIOR FILING DATE: 2000-10-12
                                                                                                                                                                                                                                                                                                                                                                                                         ; Sequence 10, Application US/10125792; Publication No. US20030051269A1
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26.1%;
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SOFTWARE: PatentIn version 3.1
SEQ ID NO 10
                                                                 Query Match
Best Local Similarity 26.1
Matches 24; Conservative
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; ORGANISM: Salmo salar
US-10-125-792-10
; ORGANISM: Salmo salar
US-10-125-792-8
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Best Local 3
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1 IILLVSDDHEGRAAQKRLETLLEERESKA-----EKVLQFDPGT-----KNVTAL 45
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                           APPLICATION NUMBER: US 60/095,464
DATE: 1998-07-28
APPLICATION NUMBER: US 60/112,747
                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: rat G-protein coupled receptor (GPCR) B4 amino OTHER INFORMATION: acid sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 21;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              38; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            46 LMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGE 89
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Department of Health and Human Services
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-27
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBE
PRIOR FILING DATE: EARLIER FILING DATE: 1998-07-28
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER
PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-17
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PATENTIN VET. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                          13.9%; Score 75.5; DF
25.0%; Pred. No. 6.6;
tive 19; Mismatches
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25.0%; Pred. No. 6.6;
tive 19; Mismatches
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Hoon, Mark A.
Chandrashekar, Jayaram
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Publication No. US20030040045A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Zuker, Charles S. APPLICANT: Ryba, Nicholas J.P.
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NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn Ver. 2.1
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Best Local Similarity
Matches 26; Conserva
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Matches 26; Conserv
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APPLICANT: ZUKEr, Charles S.
APPLICANT: Adler, Jon Elliot
APPLICANT: Lindemeier, Juergen
APPLICANT: Tindemeier, Juergen
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor
TITLE OF INVENTION: Involved in Sensory Transduction
FILE REPERENCE: 023075-088720US
CURRENT APPLICATION NUMBER: US/10/124,598
PRIOR APPLICATION DATE: 2002-04-16
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/361,631
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-27
                                                                                                                                                                        209 IVVLVSDDDYGRENSHLLSQRLTNTGDICIAFQEVLPVPEPNQAVRPEEQDQLD----- 262
                                                                                                                            ---AAQKRLETLLEERESKAEKVLQFDPGTKNV 42
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         Length 843;
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APPLICANT: The Regents of the University of California
APPLICANT: The Regents of the United States of America
APPLICANT: The Government of the United States of America
APPLICANT: as represented by the Secretary of the
APPLICANT: Department of Health and Human Services
TITLE OF INVENTION: Mammalian Sweet Taste Receptors
FILE REFERENCE: 023075-1201100S
CURRENT APPLICATION NUMBER: US/09/927,315
CURRENT FILING DATE: 2001-08-10
PRIOR FILING DATE: 2001-07-03
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         DB 9;
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ilarity 25.2%; Pred. No. 11;
Conservative 15; Mismatches
   ; Score 73.5; D; Pred. No. 11; 15; Mismatches
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Hoon, Mark A.
Chandrashekar, Jayaram
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Zuker, Charles S. APPLICANT: Ryba, Nicholas J.P.
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                                                               Conservative
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      Query Match
Best Local Similarity
Matches 27; Conserv
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Best Local Similarity
Matches 27; Conserv
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Sequence 2, Application US/10096144

Publication No. US20030022288A1

GENERAL INFORMATION:
APPLICANT: SUVEr. Charles S.
APPLICANT: Lindemeler, Juergen
APPLICANT: Lindemeler, Juergen
TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor
TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor
TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor
TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor
TITLE OF INVENTION: NUMBER: US/10/096,144

CURRENT FILING DATE: 2002-03-08
PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-27

PRIOR FILING DATE: EARLIER FILING DATE: 1998-07-28

PRIOR FILING DATE: EARLIER FILING DATE: 1998-07-28

PRIOR FILING DATE: EARLIER FILING DATE: 1998-07-28

PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-17

NUMBER OF SEQ ID NOS: 10

SEQ ID NO 2.

FENDAL APPLICATION VET: 2.0
                                         Sequence 1, Application US/10124598

Sequence 1, Carles 5.

Betent No. US2002011952641

GENERAL INFORMATION:

APPLICANT: Zuker, Charles S.

APPLICANT: Lindemeier, Juergen

TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor

TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor

TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor

TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor

TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor

TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor

TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor

TITLE OF INVENTION: Nucleic Acids Encoding a G-Protein Coupled Receptor

FRIOR APPLICATION NUMBER: BARLIER FILING DATE: 1999-07-27

PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-27

NUMBER OF EQ ID NOS: 10

SEQ ID NOS: 10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            G-protein coupled receptor (GPCR) B4 amino
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Pred. No. 6.6;
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COTHER INFORMATION: acid sequence
US-10-124-598-1
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25.0%;
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Best Local Similarity
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RESULT 76
US-10-124-598-1
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Query Match
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                                                                                                                                                                                                               OTHER INFORMATION: mouse G-protein coupled receptor (GPCR) B4 amino OTHER INFORMATION: acid sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Betlach, Mary C.
APPLICANT: Balach, Mary C.
APPLICANT: Shah, Sanjay Krishnakant
APPLICANT: McDaniel, Robert
APPLICANT: Tang, Li
TTTLE OF INVENTION: RECOMBINANT OLEANDOLIDE POLYKETIDE SYNTHASE
FILE REFERENCE: 30063-20039.00
CURRENT APPLICATION NUMBER: US/09/808,880
CURRENT APPLICATION NUMBER: US/09/428,517
PRIOR APPLICATION NUMBER: US/09/428,517
PRIOR APPLICATION NUMBER: 60/120,254
PRIOR SPELING DATE: 1999-10-29
NUMBER OF SEO ID NOS: 12.
SOFTWARE: Patentin Ver. 2.1
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/112,747
PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-17
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US-09-808-880-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 3816;
                                                                                                                                                                                                                                                                                                              Length 843;
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                                                                                                                                                                                                                                                                                                                                                              38; Indels
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; Publication No. US20020197605A1
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ORGANISM: Artificial Sequence
                    PRIOR FILING DATE: EARLIER F
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                              27; Conservative
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                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
                                                                                                                                            TYPE: PRT ORGANISM: Mus sp.
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US-09-738-626-6207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 3816
                                                                                                                                                                                                                                                            US-10-124-598-2
                                                                                                                                                                                                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                                                Matches
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3 LLVSDDHEGRAAQKRLETLLEERESKAEKVL--QFDPGTKNVTALLMEARELEARV---- 56
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            86 ISVALGAGINDMTAGYRAFRRELLEHLDFEELSNAGYIFOVDV-----AFRAIKDG 136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Hall, Jeff G.
Lyamichev, Victor I.
Mast, Andrea L.
Brow, Mary Ann D.
TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 9; Length 228;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATUR SYSTEM: PC CDOS/ANS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequential Invasive Cleavages NUMBER OF SEQUENCES: 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/033,297
FILING DATE: 12-No. US20020187486A1-2001
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       18; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: San Francisco
STATE: California
COUNTRY: United States Of America
ZIP: 94104
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/350,597
FILING DATE: 09-Jul-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Medlen & Carroll, LLP
                                                                                                                                                                                       APPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        12.7%; Score 69; 27.4%; Pred. No.
                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/738,626 CURRENT FILING DATE: 2000-12-18
                                                                                                                                                                                                                                                                                CURRENT FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: JP 99/377484
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: JP 00/280988
PRIOR FILING DATE: 2000-08-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Corynebacterium glutamicum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 142, Application US/10033297
Publication No. US20020187486A1
GENERAL INFORMATION:
MIZOGUCHI, HIROSHI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  57 --IILSASEDDAATVYRA----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                  OCHIAI, KEIKO
YOKOI, HARUHIKO
TATEISHI, NAOKO
SENOH, AKIHIRO
                        ANDO, SEIKO
HAYASHI, MIKIRO
                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 7059
SOFTWARE: PatentIn ver. 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                 IKEDA, MASATO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best_Local Similarity
Matches 32; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-738-626-6207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-033-297-142
                                                                     APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM:
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APPLICANT: Kuhn, Ranier
APPLICANT: Kuhn, Ranier
APPLICANT: Kuhn, Ranier
APPLICANT: Ludaur, Kristen
APPLICANT: Ludaur, Kristen
APPLICANT: Duttner, Irene
APPLICANT: Nonpfel, Thomas
TITLE OF INVENTION: Human Metabotropic Glutamate Receptor Subtypes (HMR4, TITLE OF INVENTION: HUMR5) and Related DNA Compounds
FILE REFERENCE: 4-19679/A/PCT
CURRENT PAPLICATION NUMBER: US/09/817,464
CUBRENT FILING DATE: 1996-03-19
EARLIER APPLICATION NUMBER: EPO 9416553.7
EARLIER APPLICATION NUMBER: EPO 9416553.7
EARLIER APPLICATION NUMBER: EPO 93810663.0
EARLIER APPLICATION NUMBER: EPO 93810663.0
SARLIER PILING DATE: 1994-08-19
EARLIER PILING DATE: 1993-09-20
NUMBER OF SEQ ID NOS: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Harris, H. William
APPLICANT: Nearing, Jacqueline A.
APPLICANT: Betka, Marlies
APPLICANT: Betka, Marlies
TITLE OF INVENTION: Polyvalent Cation-Sensing Receptor in Atlantic Salmon FILE REFERENCE: 2213.1006-007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      227 EGSYGESGVEAFIQKSREDGGVCIAQSVKIPREPKAG---EFD----KIIRRLLETS--N 277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ---RESKAEKVLOFDPGTKNVTALLMEARELE 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 69; DB 10; Length 912; Pred. No. 37;
                                                                           -- TDDSDIWLFGARHVYRN 188
53 ----EARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGN 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        29;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        13; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     278 ARAVIIFANEDDIRRVLEAARRANQTGH-FFWM 309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      54 ARVIILSASEDDAATVYRAAAMLNMTGSGYVWL 86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION NUMBER: 10/121,441
PRIOR APPLICATION NUMBER: 10/121,441
PRIOR FILING DATE: 2002-04-11
PRIOR FILING DATE: 2001-10-11
PRIOR APPLICATION NUMBER: 60/240,392
PRIOR FILING DATE: 2000-10-12
PRIOR FILING DATE: 2000-10-12
PRIOR FILING DATE: 2000-10-12
PRIOR FILING DATE: 2000-10-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 28, Application US/10125792 Publication No. US20030051269A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                          Sequence 2, Application US/09817464 Patent No. US20020127638A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12.7%;
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NUMBER OF SEQ ID NOS: 28
SOFTWARE: Patentin version 3.1
                                                                           151 PMEAEAQCAILDLTDQTSGTI-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best_Local Similarity 26.9%
Matches 25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       10 EGRAAQKRLETLLEE-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; ORGANISM: Homo sapiens
US-09-817-464-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: MariCal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-125-792-28
                                                                                                                                                                                                   RESULT 84
US-09-817-464-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              12.7%; Score 69; DB 9; Length 550; 22.4%; Pred. No. 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4 LVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAREL---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4 LVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAREL---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   151 PMEAEAQCAILDLTDQTSGTI-----TDDSDIWLFGARHVYRN 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         53 ----EARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGN 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 550 amino acids
TYPE: amino acid
STRANDEDNESS: No. US20020187486A1 Relevant
TOPOLOGY: No. US20020187486A1 Relevant
ULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 35;
                                                                                           APPLICATION NOMBER: 12170357/01072
APPLICATION NUMBER: US 08/759,038
FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/758,314
FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/756,386
FILING DATE: 29-NOV-1996
APPLICATION NUMBER: US 08/682,853
FILING DATE: 12-01L-1996
APPLICATION NUMBER: US 08/59491
FILING DATE: 24-JAN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FORS-02736
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 142, Application US/09940244
Publication No. US20030044796A1
GENERAL INFORMATION:
APPLICANT: Hall, Jeff G.
APPLICANT: Lyamichev, Victor
APPLICANT: SMith, Lloyd M.
TITLE OF INVENTION: Reactions on Dendrimers
FILE REFERENCE: FORS-06478
                                 FILING DATE: 24-MAR-1997
APPLICATION NUMBER: PCT/US97/01072
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) MOLECULE TYPE: protein
) SEQUENCE DESCRIPTION: SEQ ID NO: 142:
US-10-033-297-142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION NUMBER: US/09/940,244
CURRENT FILING DATE: 2002-05-06
NUMBER OF SEQ ID NOS: 422
SOFTWARE: Patentin version 3.1
SEQ ID NO 142
LENGTH: 550
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 142:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 18;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
Matches 24; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-940-244-142
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APPLICANT:
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                                                                                                                                                             212 IAADDDYGRPGIEKFREEAEERDICIDFSELISQXS-DEEEIQMVVEVIQNSTAKVIVVF 270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4 LVSDDHEGRAAQKRLETLLEERE---SKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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                                                                                                   Gaps
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APPLICANT: Scadden, David T.
APPLICANT: Poznansky, Mark C.
APPLICANT: Olszak, Ivona T.
APPLICANT: Brown, Edward M.
TITLE OF INVENTION: THE CAR RECEPTOR AS A MEDIATOR OF
TITLE OF INVENTION: MIGRATORY CELL CHEMOTAXIS AND/OR CHEMOKINESIS
FILE REFERENCE: MOY65/7038/ERG/KA
CURRENT FILING DATE: 2000-11-01
PRIOR PPPLICATION NUMBER: PCT/US00/15440
PRIOR FILING DATE: 2000-06-02
                                                                                                                                                                                                                                        271 SSGPDLEPLIKEIVPRNITGK--IWLASEAWASSSLIAMPQYFHVVGGTIGFAL 322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       271 SSGPDLEPLIKEIVRRNITGK--IWLASEAWASSSLIAMPEYFHVVGGTIGFAL 322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALR----YAPDGIIGLQL 109
                                                                                                 11;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 1078;
                                                          DB 9; Length 1078;
                                                                                               54; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                54; Indels
                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: ELLIS, CATHERINE E.
TITLE OF INVENTION: MONKEY CALCIUM SENSING RECEPTOR
FILE REFERENCE: GP-70665
CURRENT APPLICATION NUMBER: US/09/727,205
CURRENT FILING DATE: 2000-11-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 10;
                                                        Query Match 12.6%; Score 68.5; D
Best Local Similarity 21.9%; Pred. No. 53;
Matches 25; Conservative 24; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              24; Mismatches
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Pred. No. 53;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQ ID NOS: 2
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT FILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: 60/168,342
PRIOR FILING DATE: 1999-12-01
                                                                                                                                                                                                                                                                                                                                                   Sequence 2, Application US/09727205 Patent No. US20020064813A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/10002854 Patent No. US20020132224A1
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21.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ORGANISM: MACACA CYNOMOLGUS
US-09-727-205-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 12.65
Best Local Similarity 21.95
Matches 25; Conservative
; ORGANISM: Homo sapiens
US-10-125-792-28
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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LENGTH: 1078
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APPLICANT: NUTT, STEPHEN L.
TITLE OF INVENTION: KAINATE-BINDING HUMAN CNS RECEPTORS OF THE EAA4 FAMILY
                                                                                                                                                                                                                          212 IAADDDYGRPGIEKFREEAEERDICIDFSELISQYS-DEEBIQHVVEVIQNSTAKVIVVF 270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                      4 LVSDDHEGRAAQKRLETLLEERE---SKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 ILLVSDDHEGRAAQKRLETLLE--ERESKAEKVLQFDPGTKNVTALLMEARELEARVIIL 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60 SASEDDAATVYRAAAMLNMTGSGYVWLVGEREISG---NALRYAPDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        11;
                                                                                                                                                                                                                                                                               61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALR----YAPDGIIGLQL 109
                                                                                                                                                                                                                                                                                                            271 SSGPDLEPLIKEIVRRNITGK--IWLASEAWASSSLIAMPQYFHVVGGTIGFAL 322
                                                                                           Length 1078;
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                                                                                                                                      54; Indels
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CURRENT PAPLICATION NUMBER: US/09/815,242
CURRENT FILING DATE: 2001-03-21
PRIOR APPLICATION NUMBER: 60/191,078
                                                                                             DB 12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 68; DB 9;
Pred. No. 48;
                                                                                                                                        24; Mismatches
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                                                                                           Score 68.5; Pred. No. 53;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILE REFERENCE: 016777/0471
CURRENT APPLICATION NUMBER: US/10/126,617
CURRENT FILING DATE: 2002-04-22
; LOCATION: (1)...(1078)
; OTHER INFORMATION: Ca-sensing Receptor US-10-002-854-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 12266, Application US/09815242 Patent No. US20020061569A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION NUMBER: 08/249,241
PRIOR FILING DATE: 1994-05-25
PRIOR APPLICATION NUMBER: 07/903,456
PRIOR FILING DATE: 1992-06-24
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-126-617-2; Sequence 2, Application US/10126617; Patent No. US20020168723A1
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22.6%;
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Zyskind, Judith W.
Wall, Daniel
Trawick, John D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Carr, Grant J.
Yamamoto, Robert T.
                                                                                           12.6%;
21.9%;
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   APPLICANT: Haselbeck, Robert
                                                                                           Query Match 12.6%
Best Local Similarity 21.9%
Matches 25; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: KAMBOJ, RAJENDER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       26; Conservative
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Best Local Similarity
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543 PGTTLSPILNTTRITITQRDMPQLPASVRFTADEDVVTV----DIPITGPGKVWIAPGT 597
                                                                                                                                                                                                                 Sequence 144, Application US/10033297
Publication No. US20020187486A1
GENERAL INFORMATION:
APPLICANT: Hall, Jeff G.
Lyamichev, Victor I.
Mast, Andrea L.
Brow, Mary Ann D.
TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
Sequential Invasive Cleavages
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         29;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/10/033,297
FILING DATE: 12-No. US20020187486A1-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: No. US20020187486A1 ReleTOPOLOGY: No. US20020187486A1 Relevant
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APPLICATION DATA:

APPLICATION NUMBER: US/09/350,597

FILING DATE: 09-Jul-1999

APPLICATION NUMBER: US/08/823,516

FILING DATE: 24-MR-1997

APPLICATION NUMBER: US 08/759,038

FILING DATE: 21-JAN-1997

APPLICATION NUMBER: US 08/759,038

FILING DATE: 02-DEC-1996

APPLICATION NUMBER: US 08/756,386

FILING DATE: 02-DEC-1996

APPLICATION NUMBER: US 08/756,386

FILING DATE: 29-NOV-1996

APPLICATION NUMBER: US 08/756,386

FILING DATE: 21-JUL-1996

APPLICATION NUMBER: US 08/756,386

FILING DATE: 21-JUL-1996

APPLICATION NUMBER: US 08/59,491

FILING DATE: 2-JUL-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: FORS-02736
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: United States Of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; SEQUENCE DESCRIPTION: SEQ ID NO: 144: US-10-033-297-144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY AGENT INFORMATION:
NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 144:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
                                                                                   91 EISGNALRYAPDGIIGL 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 22.9%
Matches 22; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          29;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 869;
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12.4%; Score 67.5; DB 9;
Best Local Similarity 26.0%; Pred. No. 55;
Matches 20; Conservative 16; Mismatches 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    23 EERESKAEKVLQF----DPGTKNVTALLMEAREL---
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; Pred. No. 51;
17; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: OCHIAI, MENTANDAMENTO APPLICANT: OCHIAI, MENUHKO
APPLICANT: YORCI, HARUHIKO
APPLICANT: TATEISHI, NAOKO
APPLICANT: SENOH, AKIHIRO
APPLICANT: SENOH, AKIHIRO
APPLICANT: OZAKI, AKIO
APPLICANT: OZAKI, AKIO
APPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
CURRENT APPLICATION NUMBER: US 99/377484
PRIOR APPLICATION NUMBER: UP 99/377484
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-06-03
NUMBER OF SEQ ID NOS: 7059
SOFTWARE: PATCHIN VOIT: 3.0
                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FastSEQ for Windows Version 4.0
                 PRIOR APPLICATION NUMBER: 60/206, 848
PRIOR FILING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: 60/24,578
PRIOR APPLICATION NUMBER: 60/25,625
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-12-27
PRIOR FILING DATE: 2000-12-27
PRIOR FILING DATE: 2000-12-27
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-12-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: PRT ORGANISM: Corynebacterium glutamicum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 6494, Application US/09738626
; Publication No. US20020197605A1
.; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Staphylococcus aureus
US-09-815-242-12266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12.4%; 23.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MIZOGUCHI, HIROSHI
ANDO, SEIKO
FILING DATE: 2000-03-21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: NAKAGAWA, SATOSHI APPLICANT: MIZOGUCHI HTROS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HAYASHI, MIKIRO
OCHIAI, KEIKO
YOKOI, HARUHIKO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Conservative
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 12266
LENGTH: 869
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  PRIOR
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us-09-652-345-6.rapb

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 66.5; DB 9;
Pred. No. 35;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12 RAAQKRLETLLEERESKAEKVLQFDPGTKNVTA-LLMEAREL-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 9;
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                                                                                                          APPLICATION NUMBER: US 08/759, 038
FILING DATE: 02-DEC-1996
PAPLICATION NUMBER: US 08/758, 314
FILING DATE: 02-DEC-1996
APPLICATION NUMBER: US 08/756, 386
FILING DATE: 29-NOV-1996
APPLICATION NUMBER: US 08/682, 853
                                                                                                                                                                                                                                                                                                                                                                                                                FORS-02736
                                        FILING DATE: 24-MAR-1997
APPLICATION NUMBER: PCT/US97/01072
FILING DATE: 21-JAN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12.2%; Score 66.5; Dilarity 21.0%; Pred. No. 35; Conservative 20; Mismatches
                       APPLICATION NUMBER: US/08/823,516
                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/599,491 FILING DATE: 24-JAN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Neri, Bruce P.
APPLICANT: Hall, Jeff G.
APPLICANT: Lyamichev, Victor
APPLICANT: Smith, Lloyd M.
TITLE OF INVENTION: Reactions on Dendrimers
FILE REFERENCE: FORS-06478
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/09/940,244 CURRENT FILING DATE: 2002-05-06
                                                                                                                                                                                                                                                                                                                                                              NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
REFERENCE/DOCKET NUMBER: FOI
TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEPAX: (415) 397-8338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 143, Application US/09940244 Publication No. US20030044796A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 543 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT FILING DATE: 2002-05-06
NUMBER OF SEQ ID NOS: 422
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (415) 397-83 INFORMATION FOR SEQ ID NO: 143: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 12.2%;
Best Local Similarity 21.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; ORGANISM: Mus musculus US-09-940-244-143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 21; Conservat
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LENGTH: 543
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                                        107 EKLLRTFLKRQAIKAERIAATVTG-----QMCLESQELLQLFGIPYIVAPMEAEAQCAIL 161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ----- EARVIIL 59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Detection Of Nucleic Acids By Multiple
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 527;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Medlen & Carroll, LLP
STREET: 220 Montgomery Street, Suite 2200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 12-NO. US20020187486A1-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15 OKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAREL---
                                                                                                                 Sequence 144, Application US/09940244
Publication No. US20030044796A1
GENERAL INPORMATION:
APPLICANT: Net1, Bruce P.
APPLICANT: Hall, Jeff G.
APPLICANT: Apmichev, Victor
APPLICANT: Dyamichev, Victor
APPLICANT: Dyamichev, Victor
APPLICANT: Smith, Lloyd M.
TITLE OF INVENTION: Reactions on Dendrimers
TITLE OF ENVENTION: Reactions on Dendrimers
CURRENT PELICATION NUMBER: US/09/940,244
CURRENT PELICATION NUMBER: US/09/940,244
CURRENT PELICATION NUMBER: SOFTWARE: PatentIn version 3.1
SEQ ID NO 144
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     162 DLTDQTSGTI-----TDDSDIWLFGARHVYKN 188
15 OKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAREL--
                                                                                       60 SASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGN 95
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22.9%; Pred. No. 33;
tive 16; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/033,297
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/09/350,597
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 143, Application US/10033297
; Publication No. US20020187486A1
; GENERAL INFORMATION:
    APPLICANT: Hall, Jeff G.
; Lyamichev, Victor I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mast, Andrea L.
Brow, Mary Ann D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Xenopus laevis
US-09-940-244-144
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nes 22; Conserv
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Matches
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104 KTTEKLLKTFLKRQALKTDRI-----AASVTGQMFLESQELLRLFGVPYIQAPMEAEAQ 157
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                                                                                                                                                                  31;
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                                                                                                                         Length 543;
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                                                                                                                                                                  Indels
STRANDEDNESS: No. US20020187486A1 Relevant TOPOCHOSY: No. US20020187486A1 Relevant MOLECULE TYPE: protein SEQUENCE DESCRIPTION: SEQ ID NO: 143:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wall Daniel
APPLICANT: Wall Daniel
APPLICANT: Trawick, John D.
APPLICANT: Trawick, John D.
APPLICANT: Trawick, John D.
APPLICANT: Yanmancto, Robert T.
APPLICANT: Yanmancto, Robert T.
APPLICANT: Xu, H. Howard
TITLE OF INVENTION: Identification of Essential Genes in
TITLE OF INVENTION: Identification of Essential Genes in
TITLE OF INVENTION: Identification of Essential Genes in
TITLE OF INVENTION: BOATE: US/09/815,242
CURRENT APPLICATION NUMBER: 60/191,078
PRIOR FILING DATE: 2000-03-21
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/255,931
PRIOR FILING DATE: 2000-11-27
PRIOR APPLICATION NUMBER: 60/255,931
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-12-22
PRIOR FILING DATE: 2000-12-22
PRIOR PILING DATE: 2000-05-16
                                                                                                                                                                                                                                                                                               DB 9; Length 340;
27;
                                                                                                                                                                                                                                                                                                                                                                                                                                           23; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                 9 HEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARV 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 10;
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                                                                                                                                                                                                                                                                                                            Query Match 12.0%; Score 65; DB 9
Best Local Similarity 31.2%; Pred. No. 27;
Matches 15; Conservative 10; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Pred. No. 28;
18; Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11362
LENGTH: 318
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: JP 00/280988
PRIOR FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
SOFTWARE: PatentIn ver. 3.0
SEQ ID NO 3755
LENGTH: 340
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 11362, Application US/09815242 Patent No. US20020061569A1
                                                                                                                                                                                                                                    ORGANISM: Corynebacterium glutamicum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: PRT
; ORGANISM: Helicobacter pylori
US-09-815-242-11362
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APPLICANT: Ohlsen, Kari L.
APPLICANT: Zyskind, Judith W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SGYVWLVGEREI-SGNALR 98
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Best Local Similarity 26.6%;
Matches 21; Conservative
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                                                                                                                                                                                                               TYPE: PRT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          25; Indels 13;
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                                                                DB 9;
                               56 VIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Score 66.5; D; Pred. No. 39; 14; Mismatches
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APPLICANT: HAYASHI, MIKIRO
APPLICANT: COCHIALI, KEIKO
APPLICANT: YOKOI, HARUHIKO
APPLICANT: TATEISHI, NAOKO
APPLICANT: SENOH, AKTHIRO
APPLICANT: IKEDA, MASATO
APPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: OZAKI, AKTO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
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CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: UP 99/377484
PRIOR FILING DATE: 1999-12-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: JP 99/377484
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: JP 00/28098
PRIOR PILING DATE: 2000-08-03
NUMBER OF SEC ID NOS: 7059
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                                                                                                                                                                                                          Sequence 6447, Application US/09738626
Publication No. US20020197605A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2000-12-18
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APPLICANT: MIZOGUCHI, HIROSHI
APPLICANT: ANDO, SEIKO
APPLICANT: HAYASHI, MIKIRO
APPLICANT: OCHIAI, KEIKO
APPLICANT: YOKOI, HARUHKO
APPLICANT: TATEISHI, NAOKO
APPLICANT: SENOH, AKIHIKO
APPLICANT: IKEDA, MASATO
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29.7%;
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Best Local Similarity
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LENGTH: 595
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TILLE OF INVENTION: VARLANTS OF PROTEIN KINASES
FILLE REFERENCE: 802620-2005.1
CURRENT PILLING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 09/724,676
PRIOR APPLICATION NUMBER: 136776
PRIOR APPLICATION NUMBER: 136776
PRIOR PELLING DATE: 2000-01-28
PRIOR APPLICATION NUMBER: 136776
PRIOR PELLING DATE: 2000-06-15
PRIOR PELLING DATE: 2000-04-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               22; Mismatches
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26.8%; Pred. No. 54
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11546
LENGTH: 519
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PRIOR FILING DATE: 2000-03-21
PRIOR APPLICATION NUMBER: 60/206,848
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-23
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-23
PRIOR APPLICATION NUMBER: 60/242,578
PRIOR APPLICATION NUMBER: 60/253,625
PRIOR FILING DATE: 2000-11-27
PRIOR FILING DATE: 2000-11-27
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PRIOR FILING DATE: 2001-12-22
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SOFTWARE: PatentIn version 3.0
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Matches 26; Conserv
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US-09-815-242-11546
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LENGTH: 1175
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                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Identification of Essential Genes in TITLE OF INVENTION: Prokaryotes FILE REFERENCE: ELITRA.011A FILE REFERENCE: ELITRA.011A CURRENT APPLICATION NUMBER: US/09/815,242 CURRENT APPLICATION NUMBER: US/09/815,242 CURRENT FILING DATE: 2001-03-21 PRIOR PILING DATE: 2000-03-21 PRIOR PILING DATE: 2000-03-21 PRIOR PILING DATE: 2000-05-26 PRIOR FILING DATE: 2000-05-26 PRIOR FILING DATE: 2000-10-23 PRIOR APPLICATION NUMBER: 60/207,727 PRIOR APPLICATION NUMBER: 60/207,578 PRIOR APPLICATION NUMBER: 60/207,578 PRIOR PILING DATE: 2000-10-23 PRIOR FILING DATE: 2000-11-27 PRIOR FILING DATE: 2000-11-27 PRIOR FILING DATE: 2000-12-22 PRIOR RELING DATE: 2000-12-22
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TITLE OF INVENTION: Prokaryotes
FILE REFERENCE: ELITRA.011A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         11.9%; Score 64.5; DB 10;
26.6%; Pred. No. 28;
tive 18; Mismatches 29;
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NUMBER OF SEQ ID NOS: 14110
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                             Sequence 11531, Application US/09815242
Patent No. US20020061569A1
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Carr, Grant J.
Yamamoto, Robert T.
Xu, H. Howard
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Carr, Grant J.
Yamamoto, Robert T.
Xu, H. Howard
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ORGANISM: Helicobacter pylori
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Zyskind, Judith W.
Wall, Daniel
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Zyskind, Judith W.
Wall, Daniel
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                                                                                                                       GENERAL INFORMATION:
APPLICANT: Haselbeck, Robert
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Best Local Similarity 26.6%
Matches 21; Conservative
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LENGTH: 318
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Copyright (c) 1993 - 2003 Compugen Ltd.
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Query
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Perfect score:
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DB
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                                                                                                      Sequence 9, Application US/08026138E
Patent No. 5502166
GENERAL INFORMATION:
ABASAJOSHI MISHINA
TITLE OF INVENTION: NOVEL PROTEINS AND GENES CODING THE SAME
TITLE OF INVENTION: NOVEL PROTEINS AND GENES CODING THE SAME
CORRESPONDENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: 15214, Nishiohata-machi
CITY: Niigata-shi
STATE: Niigata-ken
COUNTRY: JAPAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 540; DB 1; Length 920;
Pred. No. 1.9e-57;
1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MB storage COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TISSUE TYPE: brain
PUBLICATION INFORMATION:
AGTHORS: Masayoshi MISHINA
TITLE: NOVEL PROTEINS AND GENES CODING THE SAME
RELEVANT RESIDUES IN SEQ ID NO: 9: FROM 1 to 920
US-08-026-138E-9
ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRILICATION NUMBER: US/08/026,138E FILING DATE: 26-FEB-1993
REIOR APPLICATION DATE: 36-FEB-1993
PRIOR APPLICATION NUMBER: JP 173155/1992
FILING DATE: 26-FEB-1992
APPLICATION NUMBER: JP 173155/1992
FILING DATE: 30-JUN-1992
FILING DATE: 12-AUG-1992
APPLICATION NUMBER: JP 303878/1992
FILING DATE: 11-NOV-1992
APPLICATION NUMBER: JP 303878/1992
FILING DATE: J-NOV-1992
APPLICATION NUMBER: JP 303878/1992
APPLICATION NUMBER: JP 303878/1992
APPLICATION NUMBER: JP 303878/1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 22,389
REFERENCE/DOCKET NUMBER: F-4551
TELECOMMUNICATION INFORMATION:
TELEPHONE: (21)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: MS-DOS V.5
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 920 amino acids
TYPE: amino acid
STRANDEDNESS: single strand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               99.48;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (212) 986-2340
TELEFAX: (212) 983-7733
INFORMATION FOR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Hamburg, C.Bruce
REGISTRATION NUMBER: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 99.13
Matches 110; Conservative
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MOLECULE TYPE: protein
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      monse
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145 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLOFDPGTKNVTALLMEARDLEARVIILS 204
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                                                                                                         APPLICANT: Masayoshi MISHINA
TITLE OF INVENTION: NOVEL PROTEINS AND GENES CODING THE SAME
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSE: Nishiohata Residence 1-107
STREET: 5214, Nishiohata-machi
CITY: Niigata-shi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       99.4%; Score 540; DB 1; Length 920; 99.1%; Pred. No. 1.9e-57;
                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 MB storage COMPUTER: IBM Compatible OPERATING SYSTEM: MS-DOS v.5 SOFTWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE: Drotein
ORIGINAL SOURCE:
ORGANISM: mouse
ORGANISM: mass
ORGANISM: Massayoshi MISHINA
TITSSUE TYPE: Drain
FUBLICATION INFORMATION:
AUTHORS: Massayoshi MISHINA
TITLE: NOVEL PROTEINS AND GENES CODING THE SAME
RELEVANT RESIDUES IN SEQ ID NO: 10: FROM 1 to 920
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 39563/1992
FILING DATE: 26-FEB-1992
APPLICATION NUMBER: JP 173155/1992
FILING DATE: 30-JUN-1992
FILING DATE: 12-AUG-1992
APPLICATION NUMBER: JP 215017/1992
FILING DATE: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: VLAMMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER: US/08/026,138E FILING DATE: 26-FEB-1993
                                           Sequence 10, Application US/08026138E Patent No. 5502166
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     F-4551
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US-08-264-578-11
; Sequence 11, Application US/08264578
; Patent No. 6391566
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Hamburg, C.Bruce
REGISTRATION NUMBER: 22,389
REFERENCE/DOCKET NUMBER: F-4
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            single strand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (212) 986-2340
TELERAX: (212) 953-7733
INPERMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            920 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                             STATE: Niigata-ken
COUNTRY: JAPAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: amino acid
STRANDEDNESS: sin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
Matches 110; Conserv
RESULT 2
US-08-026-138E-10
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ZIP: 951
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GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESSS:
ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             99.1%; Score 53%; DB 2; Le 98.2%; Pred. No. 3.3e-57; ive 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/231,193A FILING DATE: 20-APR-1994
                                                                                                                                             PatentIn Release #1.0, Version #1.25
                                  MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Vers
SOFTWARE: PatentIn Release #1.0, Vers
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/231,193A
FILING DATE: 20-APR-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,459
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEY,AGENT INFORMATION:
NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/POCKET NUMBER: 6362-9383
TELEDHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 20, Application US/08231193A Patent No. 5849895
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PC-DOS/MS-DOS
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20-APR-1993
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amino acid
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Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: protein
             COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               San Diego
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92101-2926
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-231-193A-14
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US-08-231-193A-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
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APPLICANT: Ellis, Steven B.
APPLICANT: Ellis, Steven B.
APPLICANT: Ellis, Chen W.
APPLICANT: Liu, Chin-Chun W.
APPLICANT: Liu, Chin W.
APPLICANT: Liu, Chin-Chun W.
APPLICANT: Liu, Chin W.
APPLICANT: Liu, Ch
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61 ASEDDAATVYRAAAMLNWTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 885;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           99.1%; Score 538; DB 4; Length 88
98.2%; Pred. No. 3.1e-57;
Live 2; Mismatches 0; Indels
APPLICANT: FOLDES, Robert L.
APPLICANT: ADAMS, Sally-Lin
APPLICANT: ANDMOJ, Rajender
APPLICANT: TAMBOJ, Rajender
APPLICANT: DUNCAN, H. Scott
TITLE OF INVENTION: Modulatory Proteins of Human CNS
TITLE OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/264,578
FILING DATE: 23-JUN-1994
CLASSIFICATION: 436
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION: 20.

PRIOR APPLICATION NUMBER: US 07/987,953

ATOINEY AGET 11-DEC-1992

ATOINEY AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768

REGISTRATION NUMBER: 16777/261/ALLE
TELECOMMUNICATION:
TELEPHONE: (202)672-5300
                                                                                                                                                                                                                                                                         E: Foley & Lardner
3000 K Street, N.W., Suite 500
                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: 904136
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             : 885 amino acids
amino acid
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Best Local Similarity 98.23
Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                       CITY: Washington, D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; MOLECULE TYPE: protein US-08-264-578-11
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20007-5109
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                                                                                                                                                                                                                                                                     ADDRESSEE:
STREET: 30
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
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INFORMATION FOR SEQ ID NO: 20:
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98.2%;
                                                              99.1%;
98.2%;
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amino acid
                                                                                                                            Conservative.
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Matches 109; Conservative
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CORRESPONDENCE ADDRESS:
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Best Local Similarity
Matches 109; Conserv
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CITY: San Diego
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ZIP: 92101-2926
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US-08-486-273A-14
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APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chin-chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA
TITLE OF INVENTION: ENCODING SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown Machine STEPPING STEP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 922;
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Pred. No. 3.3e-57;
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1660 Union Street
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FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGIETRATION NUMBER: 6362-9383B
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                          NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REPERENCE/DOCKET NUMBER: 6362-9383
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0099
TELEPRA: 619-238-0062
INFORMATION FOR SEO ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 922 amino acids
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Patent No. 5985586
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
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SEQUENCE CHARACTERISTICS:
LENGTH: 922 amino acids
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98.28;
ATTORNEY/AGENT INFORMATION:
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MOLECULE TYPE: protein
US-08-231-193A-20
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Best Local Similarity
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92101-2926
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA
TITLE OF INVENTION: ENCODING SAME AND USES THEREFOR
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                                                  Gaps
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                                                                                                                                                                                                                        223 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGILGLQLIN 273
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                                                                                                                                                                                              61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
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Pred. No. 3.3e-57;
2; Mismatches 0; Indels
  Length 922
                                                  Indels
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Score 538; DB 2; L
Pred. No. 3.3e-57;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3: Brown, Martin, Haller & McClain
1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Seldman, Stephanie
RESISTATION NUMBER: 33,779
REFERENEE/DOCKET NUMBER: 6362-9383B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/486,273A FILING DATE: 06-JUN-1995 CLASSIFICATION: 435
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FILING DATE: 20-APR-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                   Sequence 20, Application US/08486273A
Patent No. 5985586
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
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OPERATING SYSTEM: PC-DOS/MS-DOS
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Sequence 14 Application US/08940086A

Sequence 11.091
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Elis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lia
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CLIA.
STATE: CA
COUNTRY: U.S.A.
COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFRWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
**TLING DATE: 06-JUN-1995
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APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
CLASSIFICATION: 536
PRIOR APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9382B
TELECOMUNICATION INFORMATION:
TELEPAN: 619-238-0962
INFORMATION FOR SEQ ID NO: 20: SEQUENCE CHARACTERISTICS:
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
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amino acid
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COMPUTER READABLE FORM:
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Matches 109; Conserv
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                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Stewen B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING
TITLE OF INVENTION: SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING
TITLE OF INVENTION: SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
SADDRESSEE: Brown. Marthy
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Pred. No. 3.3e-57;
--t-hes 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
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STREET: 1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                Sequence 14, Application US/08480474 Patent No. 6033865
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REGIESTRATION UNDBER: 33,779
REFERENCE/DOCKET UNDBER: 6362
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0099
TELEFAX: 619-238-0092
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHRARCTERISTICS:
LENGTH: 922 amino acids
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98.2%;
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CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
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MOLECULE TYPE: protein

US-08-480-474-14
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APPLICANT: Daggett,
APPLICANT: Ellis, S
APPLICANT: Liaw, Ch
APPLICANT: Lu, Chin
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chin-Chun
APPLICANT: Liu, Chin
APPLICANT: Liu, Chin-Chun
APPLICANT: Liu, C
                                                                                                                                                                                                                                                                                                                                                    163 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAKELEARVIILS 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                  0; Indels
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COMPUTER: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,035A
FILING DATE: 29-SEPT-97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 0536
CLASSIFICATION: 0536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 538; DB 4; Pred. No. 3.3e-57; 2; Mismatches 0;
                                                                                                                                                                            Score 538; DB 3;
Pred. No. 3.3e-57;
2; Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 14, Application US/08940035A Patent No. 6316611 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               33,779
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TELEPHONE: 619-238-0999
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98.2%;
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REGISTRATION NUMBER: 33,7
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
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922 amino acids
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Best Local Similarity 98.24
Matches 109; Conservative
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                               ; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-940-086A-20
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MEDIUM TYPE: Floppy
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STATE: CA
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US-08-940-035A-14
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   LENGTH:
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Best Local
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Patent No. 6111091
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Liaw, Chen'W.
APPLICANT: Liaw, Chen'W.
TITLE OF INVENTION: BUDDAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 538; DB 3; Length 922;
Pred. No. 3.3e-57;
2; Mismatches 0; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
CLASSIFICATION 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2; Mismatches
                                                                         NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8499
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 922 amino acids
TYPE: amino acid
TOPOLOGY: linear
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REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
US 08/052,449
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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TELEPHONE: (619) 450-8400
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98.2%;
                      FILING DATE: 20-APR-1993 ATTORNEY/AGENT INFORMATION:
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INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: protein US-08-940-086A-14
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ADDRESSE: Heller Eh
STREET: 4250 Executi
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COMPUTER READABLE FORM:
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Best Local Similarity
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US-08-940-086A-20
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STATE:
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33,779
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TELEPHONE: 619-238-0999
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INFORMATION FOR SEQ ID NO: 14:
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NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 922 amino acids TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; MOLECULE TYPE: protein US-08-935-105A-14
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Matches 109; Conserv
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STATE: CA
                                                                                                                                                                                   La Jolla
                                                                                                                                                                                                                       COUNTRY: U ZIP: 92037
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APPLICANT: Elis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCES:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
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1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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                                                                         ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,035A
FILING DATE: 20-SEPT-97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        99.1%; Score 538; DB 4; 98.2%; Pred. No. 3.3e-57;
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                                                                                                                                                                               Sequence 20, Application US/08940035A
Patent No. 6316611
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 14
US-08-935-105A-14
; Sequence 14, Application US/08935105A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 63(
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION: TELEPHONE: 619-238-0999
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STATE: CA
                                                                                                                                                              US-08-940-035A-20
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| COMPANDERS | INFORMATION:
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             223 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGILGLQLIN 273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 922;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            99.1%; Score 538; DB 4; I 98.2%; Pred. No. 3.3e-57; 11ve 2; Mismatches 0;
                                                                                     FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seldmen, Stephanie
REGISTATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Ven
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Mug-2000
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/940,086A FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193 FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449 FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
FILING DATE: 29-SEPT-97
PPELICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-648-797-14
                                                                                                                                                                                                                                  TELEPHONE: (619) 450-8400
TELEFA: (619) 450-8499
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
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Patent No. 6469142
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                 LENGTH: 922 amino acids TYPE: amino acid
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Matches 109; Conserv
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Liaw, Chen W.
Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 538; DB 4; Length 922;
Pred. No. 3.3e-57;
2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
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FILING DAFE: 28 Aug-2000
PRIOR APPLICATION DATA: US/08/940,086A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                             NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REGISTRENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
TELECHONE: 619-238-0999
TELEFRAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                         APPLICATION NUMBER: US/08/935,105A
FILING DATE: 29-SEPT-97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PROR APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 336
ATTORNEY/AGENT INFORMATION:
                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 14, Application US/09648797
Patent No. 6469142
GENERAL INFORMATION:
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98.2%;
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TYPE: amino acid
TOPOLOGY: linear
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Matches 109; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA
TITLE OF INVENTION: ENCODING SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 63
                                                               1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                                                         223 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGILGLQLIN 273
                                                                                                                     61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION USER: PC-DOS/MS-DOS
CURRENT APPLICATION DATA:
FILING DATE: US/08/486,273A
FLILIG DATE: 06-JUN-1995
CLASSIFICATION: 435
ADDITION TOWN
                                                                                                                                                                                                                                                                                                                                                                                                                                                          E: Brown, Martin, Haller & McClain
1660 Union Street
           Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2; Mismatches
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APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                   ; Sequence 2, Application US/08486273A ; Patent No. 5985586
         5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            619-238-0999
619-238-0062
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amino acid
           Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Ma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity
Matches 109; Conserv
                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  San Diego
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                                                                                                                                                                                                                                 US-08-486-273A-2
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       Matches 109;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 20
US-08-480-474-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:

APPLICANT: Daggett, Lorrie P.

APPLICANT: Ellis, Steven B.

APPLICANT: Liaw, Chen W.

APPLICANT: Lu, Chin-Chun

TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR

TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                         163 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAKELEARVIILS 222
                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                    1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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                                                                                                                                                                                                                                                                                                                                                                                223 ASEDDAATVYRAAAMLNWTGSGYVWLVGEREISGNALRYAPDGILGLQLIN 273
                                                                                                                                                                                                            Score 538; DB 4; Length 922;
Pred. No. 3.3e-57;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 938;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 538; DB 2;
Pred. No. 3.4e-57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3: Brown, Martin, Haller & McClain
1660 Union Street
                                                                                                               ; TOPOLOGY: linear; MOLECULE TYPE: protein SEQUENCE DESCRIPTION: SEQ ID NO: 20: US-09-648-797-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6362-9383
TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 2, Application US/08231193A ; Patent No. 5849895
                                                                             LENGTH: 922 amino acids TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                              99.1%;
98.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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98.2%;
                                                                                                                                                                                                          Query Match
Best Local Similarity 98.2
Matches 109; Conservative
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ZIP: 92101-2926
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS: ADDRESSE: Brown, Ma
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        amino acid
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: San Diego
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ö 163 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAKELEARVIILS 222 1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60 223 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGILGLQLIN 273 61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111 99.1%; Score 538; DB 2; Length 938; 98.2%; Pred. No. 3.4e-57; rive 2: Mismatches 0; Indels

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Ouery Match 99.1
Best Local Similarity 98.2
Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: linear
MOLECULE TYPE: protein
      COMPUTER READABLE FORM:
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ZIP: 92037
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                                                              APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Lu, Chin-Chun
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING
TITLE OF INVENTION: SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: 111s, Steven B.
APPLICANT: 11aw, Chen W.
APPLICANT: Lu, Chin-Chun
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 538; DB 3; Length 938;
Pred. No. 3.4e-57;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                     ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6362-9382B
                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2, Application US/08940086A Patent No. 6111091
Sequence 2, Application US/08480474 Patent No. 6033865
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     99.1%;
98.2%;
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INFORMATION FOR SEQ ID NO: 2:
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Best Local Similarity 98.29
Matches 109; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-480-474-2
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ADDRESSEE: Heller E
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ZIP: 92101-2926
                                            GENERAL INFORMATION:
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                                                            APPLICANT:
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GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 938;
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 29-SEPT-97
CLASSIFICATION: 536
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 538; DB 3;
Pred. No. 3.4e-57;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla STATE: CA
                                                                                                                                                        FILING DATE: 29-SEPT-97
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/POCKET NUMBER: 33,779
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/940,035A FILING DATE: 29-SEPT-97
PRIOR APPLICATION DATA:
PAPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 92037
COMPUTER REAGABLE FORM:
MEDLUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/08940035A Patent No. 6316611
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (619) 450-8400 TELEFAX: (619) 450-8499 INFORMATION FOR SEQ ID No: 2: SEQUENCE CHARACTERISTICS: LENGTH: 938 amino acids
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98.2%;
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us-09-652-345-6.rai

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938 amino acids
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US-09-648-797-2
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       223 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGILGLQLIN 273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                              Length 938;
                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/935,105A
FILING DATE: 29-SEPT-97
                                                                                                                                                                                                                                                                                                                                                                                                  ; DB 4;
3.4e-57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                            Score 538; DB;
Pred. No. 3.4e-
2; Mismatches
                                                                                                                                               6362-9383E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6362-9383D
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
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APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 2, Application US/08935105A
                                                                                                  NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
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TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                99.1%;
98.2%;
                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 2:
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                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Seidman, Stephanie
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                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 938 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    619-238-0999
619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 98.23
Matches 109; Conservative
                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    92037
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                                                                                                                                                                                                                                                                                                                                                         US-08-940-035A-2
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Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                   163 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLGFDPGTKNVTALLMEAKELEARVIILS 222
                                                                                                                                                                                                                      1 IİLLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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                                                                                                                                                                                                                                                                                                                                                     223 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGILGLQLIN 273
                                                                                                                    Score 538; DB 4; Length 93
Pred. No. 3.4e-57;
2; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
RAPPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Ouery Match 99.1%; Score 538; DB 4; L
Best Local Similarity 98.2%; Pred. No. 3.4e-57;
Matches 109; Conservative 2; Mismatches 0;
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REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/940,086A FILING DATE: 29-SEPT-97 APPLICATION NUMBER: US 08/231,193 FILING DATE: 20-APR-1994 APPLICATION NUMBER: US 08/052,449 FILING DATE: 20-APR-1993 ATTORNEY/AGENT INFORMATION:
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; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-648-797-2
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Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 2, Application US/09648797 Patent No. 6469142 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (619) 450-8499
                                                                                                                    99.1%;
98.2%;
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COMPUTER READABLE FORM:
                                                                                                                      Query Match 99.13
Best Local Similarity 98.23
Matches 109; Conservative
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                  TOPOLOGY: linear MOLECULE TYPE: protein US-08-935-105A-2
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amino acid
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33,779
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REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 63
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
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TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 22:
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98.2%;
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NAME: Seidman, Stephanie
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STREET: lov.
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Best Local Simi
Matches 109;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-480-474-22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         δλ
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                                                                                                                                                                                                                                                                                                                                                                       Sequence 22, Application US/08231193A
Patent No. 5849895
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Elis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS
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                                                                                                                                                                     223 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGILGLQLIN 273
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                                                                                                                                      61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER REMUMBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/231,193A
FILING DATE: 20-APR-1994
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3: Brown, Martin, Haller & McClain
1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2; Mismatches
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RR: 6362-9383
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CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,459
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
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TELEPHONE: 619-238-0999
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      976 amino acids
amino acid
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ZIP: 92101-2926
COMPUTER READABLE FORM:
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US-08-486-273A-22
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STATE:
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING
TITLE OF INVENTION: SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
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APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA
TITLE OF INVENTION: BNCODING SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Mart'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 IILLVSDDHEGRAAQKRLETILEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,273A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 538; DB 2;
Pred. No. 3.6e-57;
2; Mismatches 0;
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STREET: 1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6362-9383B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                         STATE: CA
COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       San Diego
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Sequence 22, Application US/08940035A Patent No. 6316611
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98.28;
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CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                               Matches 109; Conservative
                                                                                                                                                                                                                   TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-940-086A-22
                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STATE:
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APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun W.
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 976;
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Pred. No. 3.6e-57;
2; Mismatches 0; Indels
                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                           NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9382B
TELECOMMUNICATION:
TELECHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,086A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-940-086A-22; Sequence 22, Application US/08940086A; Patent No. 6111091; ENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                             TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 99.1%;
Best Local Similarity 98.2%;
Matches 109; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Blis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Fhrman Comments of the commen
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 976;
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COMPUTE: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,035A
FILING DATE: 29-SEPT-97
PRIOR APPLICATION NUMBER: US 08/231,193
FRING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
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Pred. No. 3.6e-57;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2; Mismatches
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8400
TELEPAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 22: SEQUENCE CHARACTERISTICS:
LENGTH: 976 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERNCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION:
TELEPHONE: 619-238-0999
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LU, CHIN-CHUD
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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  223 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGILGLQLIN 273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 538; DB 4;
Pred. No. 3.6e-57;
2; Mismatches 0
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REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/940,086A FILING DATE: 29-SEPT-97 APPLICATION NUMBER: US 08/231,193 FILING DATE: 20-APR-1994 PILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 22:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LE BOURDELLES, BEATRICE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2, Application US/08436332B Patent No. 6130058 GENERAL INFORMATION:
                                                                                                                 Sequence 22, Application US/09648797 Patent No. 6469142 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (619) 450-84(
TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 976 amino acids
                                                                                                                                                                               APPLICANT: Daggett, Lorrie
Ellis, Steven B.
Liaw, Chen W.
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98.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 92037
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 99.1
Best Local Similarity 98.2
Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                                                                      CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA
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                                                                                                                         Gaps
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                                                                             Score 538; DB 4; Length 976;
Pred. No. 3.6e-57;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3.6e-57;
thes 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE PATENTING STATES
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/935,105A
FILING DATE: 29-SEPT-97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  E: Heller Ehrman White & McAuliffe 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 538;
Pred. No. 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                              Sequence 22, Application US/08935105A Patent No. 6376660 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 22:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      99.18;
98.28;
                                                                             Query Match 99.1%;
Best Local Similarity 98.2%;
Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Seidman, Stephanie REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : 976 amino acids amino acid
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Matches 109; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: protein US-08-935-105A-22
                TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 4200.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   92037
                                   US-08-940-035A-22
                                                                                                                                                                                                                                                                                                                                                               US-08-935-105A-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY:
TOPOLOGY:
MOLECULE TYF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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us-09-652-345-6.rai

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TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
INFORMATION FOR ENGINO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 943 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-231-193A-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       95.3%;
82.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 95.3
Best Local Similarity 82.6
Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100 APDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        283 APDGILGLOLIN 294
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-486-273A-36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE:
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APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liu, Chin-Chun
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
ANDRESSENDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ó
TITLE OF INVENTION: STABLY TRANSFECTED CELL LINE EXPRESSING TITLE OF INVENTION: STABLY TRANSFECTED CELL LINE EXPRESSING TITLE OF INVENTION: NECEPTOR SUBUNIT SEQUENCES.

CORRESPONDENCES: 21
CORRESPONDENCE ADDRESS: YABLONSKY - MERCK & CO., INC.
STREET: 126 EAST LINCOLN AVE., - P.O. BOX 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRYAPDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       223 ASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALAYAPDGILGLQLIN 273
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Pred. No. 1.6e-56;
2; Mismatches 1; Indels
                                                                                                                                                                                                                                       COMPUTER TREADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPPERTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/436,3328
FILING DATE: 10-MAY-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: YABLONSKY, MICHAEL D.
REGISTRATION NUMBER: 40,407
REFERENCE/DOCKET NUMBER: T1210Y
TELECOMMUNICATION INFORMATION:
TELEPHONE: 732-594-4678
TELEFAX: 732-594-4720
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 36, Application US/08231193A Patent No. 5849895 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 732-594-4720
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 863 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   98.0%;
97.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches 108; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
                                                                                                                                                               CITY: RAHWAY
STATE: NEW JERSEY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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                                                                                                                                                                                                        USA
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                                                                                                                                                                                                        COUNTRY:
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STATE:
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Sequence 36.
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APPLICATION NUMBER: US/08/486,273A
FILING DATE: 06-JUN-1995
CLASSIFICATION:
SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/231,193A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 517.5; DB 2;
Pred. No. 1.1e-54;
2; Mismatches 0;
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STREET: 1660 Union Street
                                                                                                                                   APPLICATION NUMBER: US/08/231,193A
FILING DATE: 20-APR-1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,459
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 IILLVSDDHEGRAAQKRLETLLEERES-
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                           Gaps
                                                                                                        Gaps
                                                                                                                                              ----KAEKVLQFDPGT 39
                                                                                                    21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           21;
                                                               Length 943;
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                                                                                                      Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC LODS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 29-SEPT-97
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 95.3%; Score 517.5; DB 3; Best Local Similarity 82.6%; Pred. No. 1.1e-54; Matches 109; Conservative 2; Mismatches 0;
                                                           Score 517.5; DB 3;
Pred. No. 1.1e-54;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8400
TELEPRAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 36:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 36, Application US/08940086A Patent No. 6111091
GENERAL INFORMATION:
                                                                                                                                              1 IILLVSDDHEGRAAQKRLETLLEERES--
                                                             95.3%;
82.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                943 amino acids
                                                             Query Match 95.3°
Best Local Similarity 82.6°
Matches 109; Conservative
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  MOLECULE TYPE: protein
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                            100 APDGIIGLOLIN 111
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283 APDGILGLQLIN 294
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                   US-08-480-474-36
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APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                     223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 282
                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                ---KAEKVLQFDPGT 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 99
                                                                                                                                                                                                                                                                                                                                                                         21;
                                                                                                                                                                                                                                                                                                                                 Length 943;
                                                                                                                                                                                                                                                                                                                                                                         Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                             Query Match 95.3%; Score 517.5; DB 2; Best Local Similarity 82.6%; Pred. No. 1.1e-54; Matches 109; Conservative 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
                                  NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383B
TELECOMUNICATION INFORMATION:
TELEPHONE: 619-238-0699
TELEPHONE: 619-238-0662
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 943 amino acids
TYPE: amino acid
TOPOLOGY: linear
TYPE: protein
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REGISTRATION NUMBER: 33,779
REFERRORE/DOCKET NUMBER: 6362-9382B
TELECOMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
TELERAX: 619-238-0962
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 36, Application US/08480474 Patent No. 6033865 GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 943 amino acids
TYPE: amino acid
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CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                      US-08-486-273A-36
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US-08-480-474-36
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 282
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APPLICATION NUMBER: US/08/935,105A FILING DATE: 29-SEPT-97 PRIOR APPLICATION NUMBER: US 08/231,193 APPLICATION NUMBER: US 08/231,193 FILING DATE: 20-APR-1994 PRIOR APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION NUMBER: US 08/052,449 FILING DATE: 20-APR-1993 CLASSIFICATION: 536
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82.6%; Pred. No. 1.1e-54;
tive 2; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERNCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 IILLVSDDHEGRAAQKRLETLLEERES----
                                                                                                                                                                 Sequence 36, Application US/08935105A Patent No. 6376660
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
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amino acid
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Matches 109; Conservative
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MEDIUM TYPE: Floppy
                                          1111:11111
283 APDGILGLQLIN 294
                         100 APDGIIGLQLIN 111
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283 APDGILGLQLIN 294
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US-09-648-797-36
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APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-chun
TITLE OF INVENTION: HOMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ;;
                   223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 282
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 282
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            --KAEKVLOFDPGT 39
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                                                                              40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentin Release #1.0, Version #1.25
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Pred. No. 1.1e-54;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CONTESTONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,035A
FILING DATE: 29-SEPT-97
PRIOR APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
FILING DATE: 20-APR-1994
CLASSIFICATION: 536
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                          Sequence 36, Application US/08940035A Patent No. 6316611
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1 IILLVSDDHEGRAAQKRLETLLEERES-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
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INFORMATION FOR SEQ ID NO: 36:
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82.6%;
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ATTORNEY/AGENT INFORMATION:
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Best Local Similarity 82.6
Matches 109; Conservative
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283 APDGILGLQLIN 294
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US-08-940-035A-36
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HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
63
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APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA
TITLE OF INVENTION: ENCODING SAME AND USES THEREFOR
MUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       163 IILLVSDDHECRAAQKRLETLLEERESKSKKRNYENLDQLSYDNKRGPKAEKVLQFDPGT 222
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                21;
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MEDIUM TYPE: Floppy disk
COMPUTER: BLM PC compatible
COMPUTER: Floppy disk
COMPUTER: BLM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/231,193A
FILING DATE: 20-APR-1994
CLASSIFICATION NUMBER: US 08/052,459
FILING DATE: 20-APR-1993
CLASSIFICATION S36
PRIOR APPLICATION S36
ATTORNEY/AGENT INFORMATION:
NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383
TELLEDHONE: 619-238-999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 517.5; DB 2;
Pred. No. 1.1e-54;
2; Mismatches 0;
                                                                                          ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
STATE: CA
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STREET: 1660 Union Street
CITY: San Diego
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INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
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82.6%;
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                                                                       CORRESPONDENCE ADDRESS:
  TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100 APDGIIGLQLIN 111
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283 APDGILGLQLIN 294
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Best Local Similarity
                                                                                                                                                                                    COUNTRY: U.S.A. ZIP: 92101-2926
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-486-273A-24
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                                                                                                                                TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ij
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Indels 21; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 943;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                             ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 517.5; DB 4;
Pred. No. 1.1e-54;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA NATIONAL APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-aug-2000
PRIOR APPLICATION NUMBER: US/08/940,086A
RPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/25,449
APPLICATION NUMBER: US 08/231,193
ATTORNEY/AGENT: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERBNCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 36:
                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 IILLVSDDHEGRAAQKRLETLLEERES-----
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Patent No. 584895
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
                                          APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 943 amino acids
                                                                                                             Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 95.3%;
Best Local Similarity 82.6%;
Matches 109; Conservative
                                                                                                                                                                                    NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                            CITY: La Jolla
                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
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283 APDGILGLQLIN 294
                                                                                                                                                                                                                                                                                                                                          ZIP: 92037
                     GENERAL INFORMATION:
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Patent No. 6469142
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REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                ATTORNEY/AGENT INFORMATION:
NAME: Setdman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9382B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
TELEPHONE: 619-238-0062
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APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                     TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 959 amino acids
TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-480-474-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100 APDGIIGLQLIN 111
CLASSIFICATION:
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APPLICANT: Ellis, Steven B.
APPLICANT: Lia, Chen W.
APPLICANT: Lia, Chin-Chun
TITLE OF INVENTION: SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 54
CORRESPONDENCES ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        23 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 282
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                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ELBM PC compatible
COMPUTER: ELBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,273A
FILING DATE: 06-JUN 1995
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US/08/231,193
FILING DATE: 20-APR-1994
CLASSIFICATION: AND ATA:
APPLICATION NUMBER: US/08/231,193
FILING DATE: 20-APR-1994
CLASSIFICATION: AND ATA:
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ZIP: 92101-2926
COMPUTER READBLE FORM:
MEDTIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
FILING DATE: 06-JUN-1995
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Pred. No. 1.1e-54;
2; Mismatches 0;
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1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERNCE/DOCKET NUMBER: 6362-9383B
TELECOMMUNICATION:
TELEPHONE: 619-238-0999
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 619-235-000-21 INFORMATION FOR SEQ ID NO: 24: SEQUENCE CHARACTERISTICS: TRNGTH: 959 aming acids
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MOLECULE TYPE: protein
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283 APDGILGLQLIN 294
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Best Local
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GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Blis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
                                                                             1;
                                                                                                                                                                                                                                                       223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAMLNMTGSGYVWLVGEREISGNALRY 282
                                                                                                                                                       40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY
                          Length 959;
                                                                          Indels
                                       ,1e-54;
-- 0;
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COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARR: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: Heller Ehrman White & McAuliffe 4250 Executive Square, 7th Floor
Query Match 95.3%; Score 517.5; Best Local Similarity 82.6%; Pred. No. 1.1e
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HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                  223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 282
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                                                                              21;
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                                      Length 959;
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                                                                                Indels
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Pred. No. 1.1e-54;
                                  Score 517.5; DB 4;
Pred. No. 1.1e-54;
2: Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Heller Ehrman White & McAuliffe 4250 Executive Square, 7th Floor
                                                                              2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CUBENT ADDICATION DATA:
APPLICATION NUMBER: US/08/935,105A
FILING DATE: 29-SEPT-97
PRICATION NUMBER: US/08/231,193
APPLICATION NUMBER: US/08/231,193
FILING DATE: 20-APR-1994
PRICATION NUMBER: US/08/052,449
FILICATION NUMBER: US/08/052,449
FILICATION NUMBER: US/08/052,449
FILICATION NUMBER: US/08/052,449
FILICATION: S36
ATYORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
RESISTRATION NUMBER: G362-9383D
REFERENCE/DOCKET NUMBER: G362-9383D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 IILLVSDDHEGRAAQKRLETLLEERES---
                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 24, Application US/08935105A Patent No. 6376660
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: SUBUNITS, NUCL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                      1 IILLVSDDHEGRAAQKRLETLLEERES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               95.3%;
                                        Query Match 95.3%;
Best Local Similarity 82.6%;
Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    619-238-0062
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: protein US-08-935-105A-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller E
                                                                                                                                                                                                                                                                                                   100 APDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              La Jolla
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US-08-935-105A-24
    US-08-940-035A-24
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Best Local Simi
Matches 109;
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APPLICANT: Daggett, Lorrie P.

APPLICANT: Ellis, Steven B.

APPLICANT: Liaw, Chen W.

APPLICANT: Liaw, Chen W.

TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR

TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
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                                                                                                                                                                                                                                                                             223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 282
                                                                                                                                                                                                                                                                                                                                   40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 99
                                                                                                                                                                                                                                                         ---KAEKVLQFDPGT 39
                                                                                                                                                                            Length 959;
                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARES PATION Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,035A
FILING DATE: 29-SEPT-97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
                                                                                                                                                                          Score 517.5; DB 3;
Pred. No. 1.1e-54;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Heller Ehrman White & McAuliffe 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERNCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 24, Application US/08940035A Patent No. 6316611
                                                                                                                                                                                                                                                       1 IILLVSDDHEGRAAQKRLETLLEERES--
                                                                                                                                                                          Query Match
Best Local Similarity 82.6%;
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amino acid
GY: linear
TELEFAX: (619) 450-8499 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                          : 959 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                Matches 109; Conservative
                                                                                                        MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: protein
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283 APDGILGLQLIN 294
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                                                                                                  linear
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STATE: CA
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STREET: 42
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US-08-940-035A-24
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Gaps

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GENERAL INFORMATION:

APPLICANT: Daggett, Lorrie P.

APPLICANT: Daggett, Lorrie P.

APPLICANT: Liaw, Chen W.

APPLICANT: Lu, Chin-Chun

APPLICANT: Lu, Chin-Chun

TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR

TITLE OF INVENTION: SUBUNITS, NUCLEIC.ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         95.3%; Score 517.5; DB 2;
82.6%; Pred. No. 1.2e-54;
tive 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 IILLVSDDHEGRAAQKRLETLLEERES------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,459
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Selidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/08/231,193A FILING DATE: 20-APR-1994 CLASSIFICATION: 536
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10-08-486-273A-38
2 Sequence 38, Application US/08486273A
3 Patent No. 5985586
                                                                                                                       ; Sequence 38, Application US/08231193A; Patent No. 5849895
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              997 amino acids
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ZIP: 92101-2926
COMPUTER READABLE FORM:
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283 APDGILGLQLIN 294
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283 APDGILGLQLIN 294
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Best Local Similarity
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                                                                                                   US-08-231-193A-38
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                                  223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 282
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                 40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY
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                                                                                                                                                                                                                                      Sequence 24, Application US/09648797
Patent No. 6469142
GENERAL INFORMATION:
GENERAL INFORMATION:
Ellis, Steven B.
Liaw, Chen W.
Liaw, Chen W.
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 517.5; DB 4;
Pred. No. 1.1e-54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-aug-2000
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Seidman, Stephanie
REGIESTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 IILLVSDDHEGRAAQKRLETLLEERES-------
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MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 24:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8490
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 959 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      95.3%;
82.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA ZIP: 92037 COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: La Jolla
STATE: CA
                                                                                               100 APDGIIGLQLIN 111
                                                                                                                       MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100 APDGIIGLQLIN 111
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                                                                                                                                                                                                     RESULT 46
US-09-648-797-24
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chin-Chun
TILE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        163 IILLVSDDHEGRAAQKRLETLLEERESKSKKRNYENLDQLSYDNKRGPKAEKVLQFDPGT 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 517.5; DB 3;
Pred. No. 1.2e-54;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 IILLVSDDHEGRAAQKRLETLLEERES---------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF CLEACHESS:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Bhrman White & McAuliffe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                    6362-9382B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 38, Application US/08940086A Patent No. 6111091
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                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 636
TELECHONE: 619-238-099
TELEPHONE: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
Oppnarms comment
                                                                                                                                                                                                                                                                                                                                               33,779
                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 38:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    95.3%;
82.6%;
            1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             997 amino acids
                                               ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM IYPE: Flore
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , MOLECULE TYPE: protein US-08-480-474-38
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100 APDGIIGLQLIN 111
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 109; Conserv
                              San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 4250 EXCITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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Sequence 38, Application US/08480474

Sequence 38, Application US/08480474

Sequence 38, Application US/08480474

Sequence 38, Application US/08480474

APPLICANT: Information Useron B.

APPLICANT: Lia, Chin.Chun

TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING

TITLE OF INVENTION: SAME AND USES THEREFOR

NUMBER OF SEQUENCES: 54

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ij
APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liav, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA
TITLE OF INVENTION: ENCODING SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNWTGSGYVWLVGEREISGNALRY 282
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ------KAEKVLQFDPGT 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,273A
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ,2e-54;
0;
                                                                                                                                                                      E: Brown, Martin, Haller & McClain
1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Brown, Martin, Haller & McClain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 IILLVSDDHEGRAAQKRLETLLEERES-------
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          95.3%; Score 517.5;
82.6%; Pred. No. 1.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
ATTORNEY AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REPERENCE/DOCKEY NUMBER: 6362-9383B
TELECOMMUNICATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 38:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 : 997 amino acids amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: protein US-08-486-273A-38
                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
Matches 109; Conserv
                                                                                                                                                                                                                 San Diego
                                                                                                                                                                        ADDRESSEE:
STREET: 16
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 997 amino acids
TYPE: amino acid
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                                                                                                                                                                                                                                                                                                              Conservative
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                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100 APDGIIGLQLIN 111
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283 APDGILGLQLIN 294
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                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
                                                                                                                                                                                                                                        US-08-940-035A-38
                                                                                                                                                                                                                                                                                                            Matches 109;
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Patent No. 631661

Patent No. 631661

APPLICANT: Daggett, Lorrie P.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
TITLE OF INVENTION: BUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR UNMBER OF SEQUENCES: 63

CORRESPONDENCE 36

ADDRESSEE: Heller Ehrman White & McAuliffe
                                                                                                                                                                                                                                                                                                                                                                                                                                         ij
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 997;
                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
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SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,035A
FILING DATE: 29-SEPT-97
PRIOR APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                Score 517.5; DB 3;
Pred. No. 1.2e-54;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Heller Ehrman White & McAuliffe 50 Executive Square, 7th Floor
                                                                                                                                             NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 34,775
TELEPHONE: (619) 450-8400
TELEPHONE: (619) 450-8400
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 997 amino acids
TYPE: amino acid
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 20-APR-1994
PROR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-193
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 IILLVSDDHEGRAAOKRLETLLEERES-----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              : 4250 Executive Square,
La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DC
                                                                                                                                                                                                                                                                                                                                                                                                    95.3%;
82.6%;
                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 95.3
Best Local Similarity 82.6
Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100 APDGIIGLQLIN 111
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283 APDGILGLQLIN 294
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US-08-940-035A-38
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET:
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US-08-935-105A-38
Sequence 38, Application US/08935105A
Sequence 38, Application US/08935105A
Patent No. 63766DA
GENERAL INFORMATION:
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                     1 IILLVSDDHEGRAAQKRLETLLEERES--------KAEKVLQFDPGT
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                                                                                                                                                                                                                                                                                                               Length 997;
                                                                                                                                                                                                                                                                                                                                                         Indels
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Pred. No. 1.2e-54;
2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                                                            95.3%; Scc. No. 1...
v 82.6%; Pred. No. 1...
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERNCE/DOCKET NUMBER: 6362-9383E
TELECOMMINICATION INFORMATION:
TELEPHONE: 619-238-0969
TELEFAX: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6362-9383D
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APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: 619-238-0999
                                                                                                            TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 38:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Seidman, Stephanie REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
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24

1;

Gaps

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GENERAL INFORMATION:

APPLICANT: Daggett, Lorrie P.

APPLICANT: Ellis, Steven B.

APPLICANT: Liaw, Chen W.

APPLICANT: Liu, Chin-Chun

TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR

TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:
                                                                                                       123 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 282
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                              21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               9
        Length 997;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                              Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/231,193A
FILING DATE: 20-APR.1994
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,459
FILING DATE: 20-APR-1993
        DB 4;
      Score 517.5; DB 4 Pred. No. 1.2e-54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 400; DB 2;
Pred. No. 2.4e-40;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
                                            2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                             Sequence 32, Application US/08231193A Patent No. 5849895
                                                                                 1 IILLVSDDHEGRAAQKRLETLLEERES-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 636
TELECOMUNICATION INFORMATION:
TELEPHONE: 619-238-0062
TELEFAX: 619-238-0062
      95.3%;
82.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       73.78;
79.88;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Scidman, Stephanie
REGISTRATION NUMBER: 33,7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   854 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 73.7
Best Local Similarity 79.8
Matches 87; Conservative
                                          Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: protein
                                                                                                                                                                                                                                         100 APDGIIGLQLIN 111
                                                                                                                                                                                                                                                                              283 APDGILGLOLIN 294
      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: CA
COUNTRY: U.S.A.
ZIP: 92101-2926
                                                                                                                                                                                                                                                                                                                                         RESULT 54
US-08-231-193A-32
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                                                                                                                                                                                                   q
                                                                                                                       q
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                                                                                                                                                                                                                                         δλ
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Liaw, Chen W.
Lu, Chinn-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                              ij
                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                   -----KAEKVLQFDPGT 39
                                                                                                                                                                                                                                                                            40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVGEREISGNALRY 99
                                                                                                                                                            21;
                                                                                                                     Length 997;
                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
                                                                                                       Score 517.5; DB 4;
Pred. No. 1.2e-54;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/940,086A FILING DATE: 29-SEPT-97 APPLICATION NUMBER: US 08/231,193 FILING DATE: 20-APR-1994 PILING DATE: 20-APR-1993
                                                                                                                                                        2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-648-797-38
                                                                                                                                                                                                 1 IILLVSDDHEGRAAQKRLETLLEERES----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (619) 450-8400
TELERAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 38, Application US/09648797
Patent No. 6469142
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 997 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY/AGENT INFORMATION:
                                                                                                                   95.3%;
82.6%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
: 997 amino acids amino acid
                                                                                                                 Query Match
Best Local Similarity 82.6'
Matches 109; Conservative
                                  TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA.
ZIP: 92037
                                                                                                                                                                                                                                                                                                                                                                           11111:11111
283 APDGILGLQLIN 294
                                                                                                                                                                                                                                                                                                                                                       100 APDGIIGLQLIN 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF
                                                              ; MOLECULE TYPE
US-08-935-105A-38
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  LENGIH:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-940-086A-32; Sequence 32, Application US/08940086A; Patent No. 6111091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 854 amino acids
TYPE: amino acid
                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-480-474-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                        CORRESPONDENCE ADDRESS:
                                                                                                                                                                 COUNTRY: U.S.A. ZIP: 92101-2926
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       La Jolla
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE:
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                                                                                                                                                                                 APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Ellis, Steven B.
APPLICANT: Liav, Chen W.
APPLICANT: Liav, Chen W.
APPLICANT: Liav, Chen W.
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA TITLE OF INVENTION: ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE SS:
ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 854;
223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,273A FILING PARE: 06-JUN-1995 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 73.7%; Score 400; DB 2; illarity 79.8%; Pred. No. 2.4e-40; Conservative 8; Mismatches 8.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION DATA:
FILLING DATE: 20-APR-1994
CLASSIFICATION: 435
ATTORNEY, FAGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383B
TELECOMMUNICATION:
TELEPHONE: 619-238-0999
TELEFAX: 619-238-0962
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                 Sequence 32, Application US/08486273A
Patent No. 5985586
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 32, Application US/08480474
Patent No. 6033865
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 619-238-0062 INFORMATION FOR SEQ ID NO: 32:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 854 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                            RY: U.S.A.
92101-2926
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                 GENERAL INFORMATION:
APPLICANT: Daggeti
                                                                                                                                                                                                                                                                                                                                                                                                     San Diego
                                                                              RESULT 55
US-08-486-273A-32
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                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                 CITY: STATE:
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HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING SAME AND USES THEREFOR
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APPLICANT: Daggett, Lorrie P.

APPLICANT: Ellis, Steven B.

APPLICANT: Liaw, Chen W.

APPLICANT: Liaw, Chin-Chun

TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR

TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:

ADDRESSEE: Heller Ehrman White 6 MCAuliffe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                163 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAKELEARVIILS 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/940,086A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 73.7%; Score 400; DB 3; Best Local Similarity 79.8%; Pred. No. 2.4e-40; Matches 87; Conservative 8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: Heller Ehrman White & McAuliffe 4250 Executive Square, 7th Floor
                                                                                                                                        ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGIESTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9382B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
               TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                     Gaps
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                                                                                                                                                                                                                                                                                            ;
6
                                                                                                                                                                                                                                             73.7%; Score 400; DB 4; Length 854; 79.8%; Pred. No. 2.4e-40; Live 8; Mismatches 8; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                     223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                                                                                                                                                                                                                                                             61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/935,105A FILING DATE: 29-SEPT-97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
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REGISTRATION NUMBER: 33,779
REFERNCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION:
TELEPHONE: 619-238-0999
    6362-9383E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 32, Application US/08935105A
Patent No. 6376660
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-ITLE OF INVENTION: SUBUNITS, NUCLE:
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                  TELECOMMUNICATION INFORMATION TELEPHONE: 619-238-0999
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    REFERENCE/DOCKET NUMBER:
                                                          TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 854 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : 854 amino acids
amino acid
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                                                                                                                                                                                  MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          protein
                                                                                                                                             amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U
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US-08-935-105A-32
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Patent No. 6316611
GENERAL INFORMATION:
APPLICANT: Baggett, Lorrie P.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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73.7%; Score 400; DB 3; Length 854;
Best Local Similarity 79.8%; Pred. No. 2.4e-40;
Matches 87; Conservative 8; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
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                             PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SEQ ID NO: 32:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US/08/940,035A
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0,
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 854 amino acids
TYPE: amino acid
TOPOLOGY: linear
29-SEPT-97
                                                                                                                                                                                                                                                                                                                                                                                                       ; MOLECULE TYPE: protein US-08-940-086A-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: (CORRESPONDENCE ADDRESS
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                  CLASSIFICATION:
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GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA
TITLE OF INVENTION: ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            163 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDFGTKNVTALLMEAKELEARVIILS 222
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                      Haller & McClain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/052,459
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEY FACENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/POCKET NUMBER: 6362-9383
TELECHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/231,193A FILING DATE: 20-APR-1994 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                     Sequence 30, Application US/08231193A Patent No. 5849895
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 30, Application US/08486273A Patent No. 5985586 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                    E: Brown, Martin,
1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         870 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          87; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 92101-2926
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS
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Best Local Similarity
Matches 87; Conserv
                                                                                                                                                                                                                                                                                                                                                                San Diego
                                                                                                                                                                                                                                                                                                                                                                                                       U.S.A.
                                                                  US-08-231-193A-30
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                                                                                                                                                                                                                                                                                                                                                                                    STATE: CA
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                                                                                     Gaps
                                                                  1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
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                                                                                                                                                                       61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
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                        Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
79.8%; Pred. No. 2.4e-40; ive 8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 73.7%; Score 400; DB 4; Lo
79.8%; Pred. No. 2.4e-40;
Live 8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/940,086A FILING DATE: 29-SEPT-97 APPLICATION NUMBER: US 08/231,193 FILING DATE: 20-APR-1994 PILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-648-797-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Seidman, Stephanie
                                                                                                                                                                                                                                                                                              Sequence 32, Application US/09648797; Patent No. 6469142; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (619) 450-8499 INFORMATION FOR SEQ ID NO: 32:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 854 amino acids
                                                                                                                                                                                                                                                                                                                                                                                    Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 92037
COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
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Best Local Similarity 79.8
Matches 87; Conservative
                      87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
  Best Local Similarity
                                                                                                                                                                                                                                                        RESULT 60
US-09-648-797-32
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                        Matches
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Bilis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 400; DB 3; Length 870;
Pred. No. 2.5e-40;
8; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: PatentIn Release #1.0, Version #1.25
SOCTWARE: PATENTIN BATA:
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: CO-APR-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       E: Heller Ehrman White & McAuliffe 4250 Executive Square, 7th Floor
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FILING DATE: 20-APR-1993
ATTORNEY/SAGENI INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9382B
TELECOMMUNICATION INFORMATION:
TELEBRAX: 619-238-0999
TELEBRAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 30;
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GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              73.7%;
79.8%;
                        APPLICATION NUMBER: US/08 FILING DATE: 06-JUN-1995 CLASSIFICATION: 536
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                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 870 amino acids
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    CURRENT APPLICATION DATA:
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Best Local Similarity 79.8
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear;
MOLECULE TYPE: protein
US-08-480-474-30
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ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                            TYPE: amino acid
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: CA
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Lia, Chen W.
APPLICANT: Lia, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING
TITLE OF INVENTION: SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              163 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAKELEARVIILS 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 73.7%; Score 400; DB 2; Length 870; Best Local Similarity 79.8%; Pred. No. 2.5e-40; Matches 87; Conservative 8; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                               COMPOURE: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTHARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,273A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
CLASSIFICATION: 435
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                            SEE: Brown, Martin, Haller & McClain
: 1660 Union Street
San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             E: Brown, Martin, Haller & McClain
1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INPORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383B
TELECOMMUNICATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 30, Application US/08480474 Patent No. 6033865
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INFORMATION FOR SEQ ID NO: 30:
                                                                                                                                        COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 870 amino acids
TYPE: amino acid
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NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
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COUNTRY: U.S.A.
ZIP: 92101-2926
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CITY: San Diego
                                                 ADDRESSEE:
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US-08-480-474-30
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US-08-935-105A-30
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                                                                                                                                                                                                                                                                                                                                                                              Sequence 30, Application US/08940035A
Patent No. 6316611
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                          Gaps
                                                                                                                                                                                                      1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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Pred. No. 2.5e-40;
8; Mismatches 8; Indels
                                                                                                                                      Length 870;
                                                                                                                                                                                                                                                                         61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                             223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                          8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPREATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                    Score 400; DB 3;
Pred. No. 2.5e-40;
8; Mismatches 8.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: Heller Ehrman White & McAuliffe 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/940,035A FILING DATE: 29-SEPT-97 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    33,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 30:
                                                                                                                                      73.7%;
79.8%;
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79.88;
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NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,7
                                 : 870 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            : 870 amino acids
amino acid
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                    87; Conservative
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Best Local Similarity 79.8
Matches 87; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         619-238-0062
                                                                                 ; MOLECULE TYPE: protein US-08-940-086A-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: protein
                                                                                                                                    Query Match
Best Local Similarity
                                                                   TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                linear
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                                   LENGTH:
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
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                        163 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEAKELEARVIILS 222
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  73.7%; Score 400; DB 4; Length 870; 79.8%; Pred. No. 2.5e-40;
                                                                                           61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                    223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER:
TILING DATE: 29-SEPT-97
PRIOR APPLICATION NUMBER: US 08/935,105A
FILING DATE: 29-SEPT-97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEX/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Heller Ehrman White & McAuliffe 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                          Sequence 30, Application US/08935105A Patent No. 6376660
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US-09-648-797-30
; Sequence 30, Application US/09648797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
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INFORMATION FOR SEQ ID NO: 30:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,'
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 870 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; MOLECULE TYPE: protein US-08-935-105A-30
                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       92037
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Best Local Similarity
                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA ENCODING SAME AND USES THEREFOR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                          SCETAIN STATES.

SCETAIN STATES.

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/231,193A
FILING DATE: 20-APR-1994
CLASSIFICATION TOTA:
APPLICATION NUMBER: US/08/231,193A
FILING APPLICATION TOTA:
APPLICATION NUMBER: US/08/25,459
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Setimen, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 33,779
TELECOMMULCATION INFORMATION:
TELEPHONE: 619-238-9999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 34, Application US/08486273A
Patent No. 598586
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Elis, Steven B.
APPLICANT: Liaw, Chen W.
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE I TITLE OF INVENTION: ENCODING SAME AND USES THERE NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS: 63
CORRESPENDENCE ADDRESS: 53
STREET: 1660 Union Street
CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 400; DB 2;
Pred. No. 2.6e-40;
            Brown, Martin, Haller & McClain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8; Mismatches
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                                                                                                                                                                                                   IBM PC compatible
SYSTEM: PC-DOS/MS-DOS
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79.88;
ADDRESSEE: Brown, ...
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                                                                                                                                                                               Floppy disk
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Matches 87; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 amino acid
                                                                                                                                                                                                                    OPERATING SYSTEM:
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                               STREET: LOCU
                                                                                                      COUNTRY: U.S.A.
ZIP: 92101-2926
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                                                                                   STATE:
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                                                                                                                     TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Sequence 34, Application US/08231193A | Sequence 34, Application US/08231193A | Patent No. 5849895 | Patent No. 5849895 | GENERAL INFORMATION: APPLICANT: Daggett, Lorrie P. APPLICANT: Ellis, Steven B. APPLICANT: Liaw, Chen W. APPLICANT: Liu, Chin-Chun | APPLICANT: Liu, Chin-Chun | TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR INUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              163 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLOFDPGTKNVTALLMEAKELEARVIILS 222
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 400; DB 4; Length 870;
Pred. No. 2.5e-40;
8; Mismatches 8; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
RAPPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/940,086A FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193 FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449 FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TOPOLOGY: linear; MOLECULE TYPE: protein; SEQUENCE DESCRIPTION: SEQ ID NO: 30: US-09-648-797-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
                                                          APPLICANT: Daggett, Lorrie P. Ellis, Steven B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 870 amino acids TYPE: amino acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 73.7%;
Best Local Similarity 79.8%;
Matches 87; Conservative 8
                                                                                                                                                                                                                                                                                                                                            COUNTRY: USA ZIP: 92037 COMPUTER READABLE FORM:
                                                                                                           Liaw, Chen W.
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                                                                                                                                                                                                                                                                                                La Jolla
                                    GENERAL INFORMATION:
                 Patent No. 6469142
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TELECOMMUNICATION INFORMATION:
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INFORMATION FOR SEQ ID NO: 34:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                             Best Local Similarity 79.8 Matches 87; Conservative
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                  MOLECULE TYPE: protein
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  linear
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CA
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TOPOLOGY:
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      ; TOPOLOGY:
; MOLECULE TYI
US-08-480-474-34
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                                                                             Query Match
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APPLICANT: Blis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING
TITLE OF INVENTION: SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                     3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                                                                                                                                                                                                                                                                                                                             73.7%; Score 400; DB 2; Length 908; 79.8%; Pred. No. 2.6e-40;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
FILING DATE: 06-JUN-1995
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                   8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9382B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
TELEPHONE: 619-238-0999
                                                                                                                                                                           6362-9383B
                  CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 34, Application US/08480474 Patent No. 6033865
                                                                                       CLASSIFICATION: 435
ATORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFRENCE/DOCKET NUMBER: 6362-
TELECHONE: 619-238-0999
TELEFAX: 619-238-0662
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INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                    TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
06-JUN-1995
                                                                                                                                                                                                                                                                                           : 908 amino acids
amino acid
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Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
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92101-2926
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APPLICANT: Daggeti
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                                                                                                                                                                                                                                                                                                                                                                        US-08-486-273A-34
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COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -US-08-480-474-34
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Sequence 34, Application US/08940086A
Sequence 34, Application US/08940086A
Sequence 34, Application US/08940086A
Sequence 34, Application US/08940086A
Sequence 34, Application:
APPLICANT: Lister Sequence B.
APPLICANT: Lister Chin Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
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                                                                                                                                  1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                       1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS
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Length 908;
                                                                                                                                                                                                           61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                         223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPOURE: IBM PC compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1994
ATHING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               73.7%; Score 400; DB 3; 79.8%; Pred. No. 2.6e-40;
73.7%; Score 400; DB 3;
79.8%; Pred. No. 2.6e-40;
tive 8; Mismatches 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Heller Ehrman White & McAuliffe
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La Jolla
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
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Lu, Chin-chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                   APPLICANT: Lu, Chin-chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                73.7%; Score 400; DB 4; Length 908; 79.8%; Pred. No. 2.6e-40; Live 8; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
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                                                                                                                                                                                                                                                                                               COMPUTER KEADALE FURNE:
MEDIUM TYPE: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/935,105A
FILING DATE: 20-SEPT-97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION SYSTEMATION:
NAME: SSIGNAM SEGION SEGION SEGION SEGION SEGION SEGION STEEPENS SEGION TELEBRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 33,779
REFERENCE/DOCKET NUMBER: GS62-9383D
TELEPRAK: 619-238-0099
TELEPRAK: 619-238-0099
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ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 34, Application US/09648797 Patent No. 6469142 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       : 908 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 79.8
Matches 87; Conservative
                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
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                                                                                                                                                                                                                                        U.S.A.
                                                                                                                                                                       CITY: LL
STATE: CA
COUNTRY: U.S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-648-797-34
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                                                                                                                                                                                                                                                       APPLICANT: Daggett, Lorrie P.
APPLICANT: Bills, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .
9
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Pred. No. 2.6e-40;
8; Mismatches 8; Indels
                                          223 ASEDDAATVYRAAAMINMIGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                   61 ASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             223 ASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER REALPABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC Compatible
OPERATUS SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 29-SEPT-97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFFTANTON: 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/940,035A
                                                                                                                                                                                 Sequence 34, Application US/08940035A
Patent No. 6316611
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-935-105A-34
; Sequence 34, Application US/08935105A
; Patent No. 677660
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanis
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362*
TELECOMMUNICATION INFORMATION:
TELECHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 619-238-0062 INFORMATION FOR SEQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 73.7%;
Best Local Similarity 79.8%;
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 908 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller EN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                92037
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                                                                                                                                                                                                                                     GENERAL INFORMATION:
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ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383B
TELECOMMUNICATION INFORMATION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 16, Application US/08486273A Patent No. 5985586 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 636;
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                          33,779
                                                                                                                                                                                                                                                                                                                                                                                                               69.9%;
66.9%;
                                 20-APR-1993
                                                                                                                                                                                                                                                                                : 777 amino acids
amino acid
                                                                                                                                                                                                                 TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                             Query Match . 69.9
Best Local Similarity 66.9
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
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CITY: San Diego
                                                              CLASSIFICATION:
                                          FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 76
US-08-486-273A-16
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                                                                                                                                                                                                                                                                                  LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE:
                                                                                                                                                                                                                                                                                                           TYPE:
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APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun W.
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <u>ښ</u>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 IILLVSDDHEGRAAQKRLETLLEERESKAEKVLQFDPGTKNVTALLMEARELEARVIILS 60
                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
PRIOR APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US/08/31,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 908;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                223 ASEDDAATVYRAAAMLNMTGNTNIWRTGPLFKRVLMSS--KYA-DGVTG 268
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61 ASEDDAATVYRAAAMINWTGSGYVWLVG---EREISGNALRYAPDGIIG 106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC COMPACATION CONTINUARE: PATENTIN SYSTEM: PC-DOS/MS-DOS CORTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                73.7%; Score 400; DB 4; Le
79.8%; Pred. No. 2.6e-40;
Live 8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                     NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/231,193A
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 16, Application US/08231193A Patent No. 5849895 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: C. COUNTRY: U.S.A.
COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPUTER: IBM PC COMPATIBLE
                                          MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 908 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20-APR-1994
                    COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 73.7
Best Local Similarity 79.8
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 20-APR CLASSIFICATION: 536
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Ellis, Steven B.
APPLICANT: Ellis, Chen W.
APPLICANT: Luw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA
TITLE OF INVENTION: ENCODING SAME AND USES THEREFOR
TYTLE OF INVENTION: ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
                                                                                                                  Gaps
                                                                                                                                                                                 40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
Length 777;
                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/486,273A FILING DATE: 06-JUN-1995
                     Pred. No. 6.8e-38;
8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 435
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNDRER: US 08/231,193
TITING DATE: 20-APR-1994
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us-09-652-345-6.rai

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Sequence 16, Application US/08940086A
Patent No. 6111091
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Eliis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Ch
                                                                                                                                                                             40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels 27; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       -----KAEKVLQFDPGT 39
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FAPILICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
CLASSIFICATION: 536
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 379.5; DB 3
Pred. No. 6.8e-38;
8; Mismatches 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 IILLVSDDHEGRAAQKRLETLLEERES------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          24735-93830
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APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER: 247
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           69.9%;
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ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: (619) 450-941
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 777 amino acids
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Best Local Similarity 66.9
Matches 87; Conservative
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184 -KYA-DGVTG 191
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APPLICANT: Daggett, Lorrie P.

APPLICANT: Ellis, Steven B.

APPLICANT: Liaw, Chen W.

APPLICANT: Liaw, Chin-Chun

TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING

TITLE OF INVENTION: SAME AND USES THEREFOR

NUMBER OF SEQUENCES: 54

CORRESPONDENCE ADDRESS:

ADDRESSEE: Brown, Martin, Haller & McClain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels 27; Gaps
                                                                                                                                                                                                                                                                                                                                                                                               ----KAEKVLQFDPGT 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
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                                                                                                                                                                                                                                                                                   DB 2; Length 777;
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8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATUG SYSTEM: PC-DOS/MO-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 379.5; DB 3;
Pred. No. 6.8e-38;
8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: Brown, Martin, Haller & McClain
1660 Union Street
                                                                                                                                                                                                                                                                              ; Score 379.5; I
; Pred. No. 6.8e-
8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                          1 IILLVSDDHEGRAAQKRLETLLEERES-----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 16, Application US/08480474 Patent No. 6033865
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ATTORNEY/AGENT INFORMATION:
NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                            TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 777 amino acids
TYPE: amino acids
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66.98;
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66.98;
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amino acid
     619-238-0999
                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 66.99
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 69.9
Best Local Similarity 66.9
Matches 87; Conservative
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                                                                                                                                                                  ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-486-273A-16
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CITY: San Diego
STATE: CA
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ZIP: 92101-2926
TELEPHONE:
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US-08-480-474-16
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97 LRYAPDGIIG 106
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184 -KYA-DGVTG 191
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            US-08-935-105A-16
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US-09-648-797-16
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                                                                                                                                                                                         STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   27; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ----KAEKVLQFDPGT 39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                  COMPUTER FEACHBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: TEL PIC compatible
COMPUTER: TEL PE COMPATIBLE
COMPUTER: TEM PC COMPATIBLE
OPERATURG SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTION DATA:
APPLICATION NUMBER: US/08/940,035A
FILING DATE: 29-SEPT-97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REGISTRATION NUMBER: 33,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 379.5; DB 4;
Pred. No. 6.8e-38;
8; Mismatches 8;
                                                                                                                                                                                                                                                                      E: Heller Ehrman White & McAuliffe 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 IILLVSDDHEGRAAQKRLETLLEERES-------
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         6362-9383E
                                                                                                                    Sequence 16, Application US/08940035A Patent No. 6316611 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REGISTRATION NUMBER: 33,779
REPERENCE/DOCKET UMBER: 63
TELECOMMUNICATION:
TELEPHONE: 619-238-0999
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Best Local Similarity 66.9*
.....hes 87; Conservative
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                           97 LRYAPDGIIG 106
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184 -KYA-DGVTG 191
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                                                                                                                                                                                                                                                                                                                   CA
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                                                                                                                                                                                                                                                                                                                STATE: CL
COUNTRY:
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                                                                                             RESULT 79
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & MCAuliffe
STREET: La Jolla
CITY: La Jolla
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CURRENT APPLICATION DATA:
APPLICATION NUMBER:
TLING DATE: 29-SEPT 97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08 (08/231,193
FILING DATE: 20-SEPT 97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08 (08/231,193
FILING DATE: 20-APR 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08 (08/052,449
FILING DATE: 20-APR 1993
CLASSIFICATION: 536
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Pred. No. 6.8e-38;
8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238 0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 IILLVSDDHEGRAAQKRLETLLEERES-----
                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
Sequence 16, Application US/08935105A Patent No. 6376660 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 16, Application US/09648797
Patent No. 6469142
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: 16:
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66.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 777 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 69.9°
Best Local Similarity 66.9
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                619-238-0062
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MOLECULE TYPE: protein
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APPLICANT: LU, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA
TITLE OF INVENTION: BUCODING SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   163 IILLVSDDHEGRAAQKRLETLLEERESKSKKRNYENLDQLSYDNKRGPKAEKVLQFDPGT 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS- 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ---KAEKVLQFDPGT 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 875;
                                                                                                                                                                          SOFTWARE: PETCHLIN SOFTWARE: SOFTWARE: SOFTWARE: CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/231,193A FILING DATE: 20-APR-1994 CLASSIFICATION DATA: APPLICATION DATA: APPLICATION DATA: APPLICATION DATA: PETLING DATE: 20-APR-1993 CLASSIFICATION NUMBER: US 08/052,459 FILING DATE: 20-APR-1993
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 2;
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Pred. No. 8.1e-38;
8; Mismatches 8
                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 28, Application US/08486273A Patent No. 5085586
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P. APPLICANT: Ells, Steven B. APPLICANT: Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 IILLVSDDHEGRAAQKRLETLLEERES-
                                                                                         COMPUTER: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-PX-SOFTWARE: Patenty-
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Best Local Similarity 66.9
Matches 87; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-231-193A-28
                                                                    ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1660 Unic
CITY: San Diego
STATE: CA
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282 -KYA-DGVTG 289
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       San Diego
                                                      U.S.A.
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                                                      COUNTRY:
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TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Blis, Steven B.
APPLICANT: Blis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4.
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Pred. No. 6.8e-38;
8; Mismatches 8; Indels 27
                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
COMPUTER: DESTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/648,797
FILING DATE: 28-Aug-2000
PRIOR APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-648-797-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 450-8400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 28, Application US/08231193A Patent No. 5849895
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NCE CHARACTERISTICS:
LENGTH: 777 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   69.98;
                                                                                                                                                                                                             ZIP: 92037
COMPUTER READABLE FORM:
                                               NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 69.99
Best Local Similarity 66.99
Matches 87; Conservative
                                                                                                                                         CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS
                                                                                                                                                                STATE: CA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               97 LRYAPDGIIG 106
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184 -KYA-DGVTG 191
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Gaps

27;

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APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                             40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
                                                                                                                                                                                                                                                                                                                    223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS-
                                                                                                                                                                                                            Score 379.5; DB 3; Length 875;
Pred. No. 8.1e-38;
8; Mismatches 8; Indels 27
                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFWMARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 4250 Executive Square, 7th Floor CITY: La Jolla STREE: CA
                                                                                                                                                                                                                                                        8; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 28, Application US/08940086A Patent No. 6111091 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                            1 IILLVSDDHEGRAAQKRLETLLEERES--
TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                              69.9%;
66.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: (619) 450-8400
TELEFAX: (619) 450-8499
INFORMATION FOR SEQ ID NO: 28:
                                                                                     LENGTH: 875 amino acids TYPE: amino acid
                                                                                                                                                                                                          Query Match
Best Local Similarity 66.9 Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
                                                                                                                           TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-480-474-28
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282 -KYA-DGVTG 289
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Patent No. 6033865

GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chin-Chun
TITLE OF INVENTION: HUMAN N.METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING
TITLE OF INVENTION: SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ٠.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 875;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 379.5; DB 2;
Pred. No. 8.1e-38;
8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
                                                                                                                                                                                  NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383B
TELECAMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
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NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9382B
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,273A
FILING DATE: 06-JUN-1995
                                          1 IILLVSDDHEGRAAQKRLETLLEERES--
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Best Local Similarity 66.9%;
Matches 87; Conservative
                                                                                                                           FILING DATE: 20-APR-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                    LENGTH: 875 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
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282 -KYA-DGVTG 289
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HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
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   39
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                        ----KAEKVLQFDPGT
                                                                            40 KNVTALLMEARELEARVIIL,SASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 875;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 379.5; DB 4;
Pred. No. 8.1e-38;
8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/935,105A FILING DATE: 29-SEPT-97
PRIOR APPLICATION DATA:
PAPPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                        Sequence 28, Application US/08935105A
Patent No. 6376660
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N.METHYL-F
TITLE OF INVENTION: SUBUNITS, NUCLEI)
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
     1 IILLVSDDHEGRAAQKRLETLLEERES--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 IILLVSDDHEGRAAQKRLETLLEERES-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REDECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 69.9%;
Best Local Similarity 66.9%;
Matches 87; Conservative 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 875 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , MOLECULE TYPE: protein US-08-935-105A-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                           amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 97 LRYAPDGIIG 106
                                                                                                                                                97 LRYAPDGIIG 106
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: La Jolla
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U
ZIP: 92037
                                                                                                                                                                                                                                                           US-08-935-105A-28
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                                                                                                                                                                                                                                            RESULT 87
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APPLICANT: Elis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                               4;
                                                                                                                                                  223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS- 281
                                                                                               Gaps
                                                                                                                               ---KAEKVLOFDPGT 39
                                                                                                                                                                                                      40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                           Indels 27;
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                                                         Length 875;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                       Score 379.5; DB 3;
Pred. No. 8.1e-38;
                                                                                           8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                           8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       6362-9383E
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APPLICATION NUMBER: US/08/940,035A
FILING DATE: 29-SEPT-97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION UNMER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 28, Application US/08940035A Patent No. 6316611
GENERAL INFORMATION:
                                                                                                                               1 IILLVSDDHEGRAAQKRLETLLEERES --
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  33,779
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TELEPHONE: 619-238-0999
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66.9%;
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REGISTRATION NUMBER: 33,7
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   875 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 66.99
Matches 87; Conservative
                                                                        Best Local Similarity 66.9
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: 619-238-0062 INFORMATION FOR SEQ ID NO:
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 protein
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282 -KYA-DGVTG 289
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MOLECULE TYPE:
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   ; MULLUCE ... US-08-940-086A-28
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                                                         Query Match
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APPLICANT: Liaw, Chen W.
APPLICANT: Liu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA
TITLE OF INVENTION: ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     163 IILLVSDDHEGRAAQKRLETLLEERESKSKKRNYENLDQLSYDNKRGPKAEKVLQFDPGT 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS- 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
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                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFWMARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 379.5; DB 2;
Pred. No. 8.3e-38;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8;
                                                                                                                                                                                                                            3: Brown, Martin, Haller & McClain
1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/08/231,193A FILING DATE: 20-APR-1994 CLASSIFICATION 536 PRIOR APPLICATION DAMA: APPLICATION NUMBER: US/08/052,459 FILING DATE: 20-APR-1993 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6362-9383
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Sequence 26, Application US/08231193A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                33,779
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                                                             Lorrie P
                                                    Daggett, Lorrie P
Ellis, Steven B.
Liaw, Chen W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,7
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
LENGTH: 891 amino acid
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MOLECULE TYPE: protein
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282 -KYA-DGVTG 289
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Best Local Similarity
                                                                                                                                                                                                                                                STREET: 1660 Un
CITY: San Diego
                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A. ZIP: 92101-2926
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                                                                                                                                                                                                                                                                  TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGNTNIWKYGPLFKRVLMSS- 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              27;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Heller Ehrman White & McAuliffe STREET: 4250 Executive Square, 7th Floor CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/940,086A FILING DATE: 29-5EPT-97 APPLICATION NUMBER: US 08/231,193 FILING DATE: 20-APR-1994 APPLICATION NUMBER: US 08/052,449 FILING DATE: 20-APR-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/648,797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 28:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 IILLVSDDHEGRAAQKRLETLLEERES-----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 28-Aug-2000 PRIOR APPLICATION DATA:
                                                                                                                   Sequence 28, Application US/09648797
Patent No. 6469142
GENERAL INFORMATION:
                                                                                                                                                                                   APPLICANT: Daggett, Lorrie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 875 amino acids TYPE: amino acid
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Liaw, Chen W.
Lu, Chin-Chun
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                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            97 LRYAPDGIIG 106
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282 -KYA-DGVTG 289
:|| ||: |
282 -KYA-DGVTG 289
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                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: CA
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US-08-231-193A-26
                                                                              RESULT 88
US-09-648-797-28
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                163 IILLVSDDHEGRAAQKRLETLLEERESKSKKRNYENLDQLSYDNKRGPKAEKVLQFDPGT 222
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 891;
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
FILING DATE: 06-JUN-1995
CLASSIFICATION: 536
ATTOREY/AGENT INFORMATION:
NAME: Scidingin, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9382B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0062
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 891 amino acids
TYPE: amino acid
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: INCOMPATIONE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 29-SEPT-97
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        69.9%; Score 379.5; DB 3;
66.9%; Pred. No. 8.3e-38;
iive 8; Mismatches 8;
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APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 26, Application US/08940086A Patent No. 6111091
GENERAL INFORMATION:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 66.9
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; MOLECULE TYPE: protein US-08-480-474-26
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282 -KYA-DGVTG 289
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ZIP: 92037
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Patent No. 6033665
GENERAL INFORMATION:
APPLICANT: Daggett, Lorrie P.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS- 281
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         8; Indels 27;
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                                                                                                                                                                                                                                                                    MEDIUM TIPE: FIODPY GISK
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOCTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,273A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
CLASSIFICATION: 435
ATTORNEY/AGERT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/COCKET NUMBER: 33,779
REFIERDATION INFORMATION:
TELEPHANISTICATION INFORMATION:
TELEPHANISTICATION INFORMATION:
TELEPHANISTICATION INFORMATION:
TELEPHANISTICATION INFORMATION:
TELEPHANISTICATION OCCUPANISTICS:
LENGTH: 891 amino acids
TOPER EMANCATENTSTICS:
TOPER EMANCATENTSTICS:
LENGTH: 891 amino acids
TOPER EMANCATENTSTICS:
TOPER EMANCATION ACIDS
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                              NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
                                                                                                                                                    STATE: CA
COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; MOLECULE TYPE: protein US-08-486-273A-26
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ZIP: 92101-2926
COMPUTER READABLE FORM:
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282 -KYA-DGVTG 289
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                                                          LENGIH:
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STATE:
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APPLICANT: Elis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                               4,
                                                                                                                                                                                                                                                                                                                                                                                                                                                          163 IILLVSDDHEGRAAQKRLETLLEERESKSKKRNYENLDQLSYDNKRGPKAEKVLQFDPGT 222
                                                                                                                                                                                                                                                                                                                                           27;
                                                                                                                                                                                                                                                                                                     Length 891;
                                                                                                                                                                                                                                                                                                                                             Indels
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COMPUTER: IBM PC compatible
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/940,035A
                                                                                                                                                                                                                                                                                                     Score 379.5; DB 3;
Pred. No. 8.3e-38;
8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEE: Heller Ehrman White & McAuliffe
: 4250 Executive Square, 7th Floor
La Jolla
                                NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24735-9383C
TELECOMUNICATION INFORMATION:
TELEPHONE: (619) 450-8490
INFORMATION FOR SEQ ID NO: 26:
SEQUENCE CHARACTERISTICS:
LENGTH: 891 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE DOCKET NUMBER: 6362-9383E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-940-035A-26
Sequence 26, Application US/08940035A
Patent No. 6316611
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  1 IILLVSDDHEGRAAQKRLETLLEERES---
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NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
                                                                                                                                                                                                                                                                                                       69.9%;
66.9%;
FILING DATE: 20-APR-1993 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 29-SEPT-97
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 66.9 Matches 87; Conservative
                                                                                                                                                                                                                                          MOLECULE TYPE: protein
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                         TOPOLOGY: linear
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282 -KYA-DGVTG 289
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE:
STREET: 42
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APPLICANT: Daggett, Lorrie P.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
                                                                                                                                                                                                                                                             4;
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                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                                                                          27;
                                                                                                                                                                                                             Length 891;
                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/935,105A
FILING DATE: 29-SEPT-97
PRIOR APPLICATION NUMBER: US 08/231,193
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
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                                                                                                                                                                                                             69.9%; Score 379.5; DB 4 66.9%; Pred. No. 8.3e-38;
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CITY: La Jolla
                                                                                                                                                                                                                                                          8; Mismatches
                                                                                                                                                                                                                                                                                                           1 IILLVSDDHEGRAAQKRLETLLEERES------
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NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 891 amino acids TYPE: amino acid
                                                                   891 amino acids
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                                                                                                                                                                                                                                                          87; Conservative
                                           SEQUENCE CHARACTERISTICS:
TELEFAX: 619-238-0062 INFORMATION FOR SEQ ID NO:
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TELEFAX: 619-238-0062
                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: protein
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                                                                                                                                                                                                             Query Match
Best Local Similarity
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us-09-652-345-6.rai

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APPLICANT: Baggett, Lorrie P.
APPLICANT: Ellis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
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                                         40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ----KAEKVLQFDPGT 39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 929;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/231,193A
FILING DATE: 20-APR-1994
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            69.9%; Score 379.5; DB 2
66.9%; Pred. No. 8.8e-38;
live 8; Mismatches 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Brown, Martin, Haller & McClain
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/052,459
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 6362-9383
                                                                                                                                                                                                                                                  Sequence 40, Application US/08231193A Patent No. 5849895 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 1660 Union Street
CITY: San Diego
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : 929 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 619-238-0062 INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  :|| ||: |
282 -KYA-DGVTG 289
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282 -KYA-DGVTG 289
                                                                                                                   97 LRYAPDGIIG 106
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Best Local Similarity
Matches 87; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE:
                                                                                                                                                                                                                                  US-08-231-193A-40
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
                                           4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              4
                                                                                                 Gaps
                                                                                                                                                      40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
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                                         27;
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     Length 891;
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                                           Indels
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COMPUTER: 1BM PC Compatible
SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     69.9%; Score 379.5; DB 4;
66.9%; Pred: No. 8.3e-38;
Mismatches 8;
Score 379.5; DB 4;
Pred. No. 8.3e-38;
8; Mismatches 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/940,086A
FILING DATE: 29-SEPT-97
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 24735-9383C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/09/648,797 FILING DATE: 28-Aug-2000 PRIOR APPLICATION DATA:
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MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-09-648-797-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (619) 450-8400
                                                                           1 IILLVSDDHEGRAAQKRLETLLEERES--
                                                                                                                                                                                                                                                                                                                                                               Sequence 26, Application US/09648797
Patent No. 6469142
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Daggett, Lorrie P.
Ellis, Steven B.
Liaw, Chen W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (619) 450-8499 INFORMATION FOR SEQ ID NO: 26: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 891 amino acids
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69.98;
66.98;
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                                         87; Conservative
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Best Local Similarity
Matches 87; Conserva
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282 -KYA-DGVTG 289
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Query Match
Best Local Similarity
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                                         Matches
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APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR SUBUNITS, DNA ENCODING
TITLE OF INVENTION: SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Daggett, Lorrie P.
APPLICANT: Blis, Steven B.
APPLICANT: Elis, Steven B.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N.METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        163 IILLVSDDHEGRAAQKRLETLLEERESKSKKRNYENLDQLSYDNKRGPKAEKVLQFDPGT 222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           27;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                     STATE: CA
COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPETATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,474
FILING DATE: 06-JUN-1995
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Pred. No. 8.8e-38;
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                                                                                                                                  Haller & McClain
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                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9382B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-099
TELEPHAX: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 40, Application US/08940086A; Patent No. 6111091; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 929 amino acids
TYPE: amino acid
                                                                                                             CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin,
STREET: 1660 Union Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  69.9%;
nilarity 66.9%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , MOLECULE TYPE: protein US-08-480-474-40
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STREET: love
TTY: San Diego
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Best Local Similarity
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                                                                                        Sequence 40, Application US/08486273A
Patent No. 5985586
GENERAL INFORMATION:
APPLICANT: Dagget, Lorrie P.
APPLICANT: Liaw, Chen W.
APPLICANT: Lu, Chin-Chun
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTRO SUBUNITS, DNA
TITLE OF INVENTION: BROODING SAME AND USES THEREFOR
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      223 KNVTALLMEAKELEARVIILSASEDDAATVYRAAAMLNMTGNTNIWKTGPLFKRVLMSS- 281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              40 KNVTALLMEARELEARVIILSASEDDAATVYRAAAMLNMTGSGYVWLVG---EREISGNA 96
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/486,273A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
CLASSIFICATION: 435
ATTONREY/AGENT INFORMATION:
NAME: Seldman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383B
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFAX: 619-238-0062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pred. No. 8.8e-38;
8; Mismatches 8
                                                                                                                                                                                                                                                                                                         SSEE: Brown, Martin, Haller & McClain
?: 1660 Union Street
San Diego
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   69.9%; Score 379.5; 66.9%; Pred. No. 8.8
                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 40, Application US/08480474; Patent No. 6033865; General INFORMATION: APPLICANT: Baggett, Lorrie P. APPLICANT: Ellis, Steven B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 : 929 amino acids amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 69.99
Best Local Similarity 66.99
Matches 87; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       :|| ||: |
282 -KYA-DGVTG 289
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                                                       RESULT 97
US-08-486-273A-40
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                                                                                                                                                                                                                                                                                                                                                                           STATE: C. COUNTRY:
                                                                                                                                                                                                                                                                                                                                    STREET:
CITY: Sa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 98
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Search completed: March 31, 2003, 11:47:36 Job time: 29 secs
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Sequence 40. Application US/08940035A
Sequence 40. Application US/08940035A
Sequence 40. Application US/08940035A
SEQUENCE 1 Degett, Lorrie P.
APPLICANT: Liaw, Chen W.
APPLICANT: Liaw, Chen W.
TITLE OF INVENTION: HUMAN N-METHYL-D-ASPARTATE RECEPTOR
TITLE OF INVENTION: SUBUNITS, NUCLEIC ACIDS ENCODING SAME AND USES THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      163 IILLVSDDHEGRAAQKRLETLLEERESKSKKRNYENLDQLSYDNKRGPKAEKVLQFDPGT 222
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Pred. No. 8.8e-38;
8; Mismatches 8; Indels 27,
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
COMPATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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                                                                                                                                                                     PULCATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/231,193
FILING DATE: 20-APR-1994
PRIOR APPLICATION NUMBER: US 08/052,449
FILING DATE: 20-APR-1993
ATORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie
REFERENCE/DOCKET NUMBER: 33,779
FELECOMMULCATION INFORMATION:
TELEPHONE: (619) 450-8409
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 929 amino acids
TYPE: amino acids
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                                                                                                              APPLICATION NUMBER: US/08/940,086A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     69.98;
Floppy disk
                                                                                                                              FILING DATE: 29-SEPT-97
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 66.99
Watches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , MOLECULE TYPE: protein US-08-940-086A-40
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Eh
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  MEDIUM TYPE:
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163 IILLVSDDHEGRAAQKRLETLLEERESKSKKRNYENLDQLSYDNKRGPKAEKVLQFDPGT 222
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                                                                                                                                                                                                                                                                                                                                                                                                                  Score 379.5; DB 4 Pred. No. 8.8e-38;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      8; Mismatches
                                                                                                                                                 NAME: Seidman, Stephanie
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-9383E
                 us 08/231,193
                                                                       US 08/052,449
                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-238-0999
TELEFAX: 619-238-0062
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 929 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                  66.98;
                              FILING DATE: 20 APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06
FILING DATE: 20-APR-1993
CLASSIFICATION: 536
                                                                                                                               ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 66.9
Matches 87; Conservative
                                                                                                                                                                                                                                                                                                                                                          ; MOLECULE TYPE: protein US-08-940-035A-40
PRIOR APPLICATION DATA: APPLICATION NUMBER:
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